



Remediation Summary and Closure Request

Grand Banks Energy Co

ARU #16

Lea County, New Mexico

Unit Letter "L", Section 2, Township 16 South, Range 32 East

Latitude 32.948696 North, Longitude 103.743276 West

NMOCD Incident # nAPP2135656116

Prepared For:

Grand Banks Energy Co

PO Box 272

Midland, TX 79702

Prepared By:

Hungry Horse, LLC

4024 Plains Hwy

Lovington, NM 88260

Office: (575) 393-3386

February 2022

A handwritten signature in black ink, appearing to read "Daniel Dominguez", is written over a horizontal line.

Daniel Dominguez

Environmental Manager

ddominguez@hungry-horse.com

Table Of Contents

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 Floor Sample Map
- Figure 6 – Excavation Floor Sample Map
- Figure 7 – Excavation Sidewall Sample Map

Tables

- Table 1 – Summary of Soil Sample Laboratory Analytical Results

Attachments

- Attachment I – Site Photographs
- Attachment II – Depth to Groundwater
- Attachment III – Field Data
- Attachment IV – Laboratory Analytical Reports
- Attachment V – NMOCD Form C-141 Remediation and Closure Pages



HUNGRY HORSE, LLC

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

Background:

The site is located in Unit Letter L (NW/SW), Section 2, Township 16 South, Range 32 East, approximately 6.5 miles Northeast of Maljamar, in Lea County, New Mexico. The property is State Land. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred on an active pipeline; Latitude 32.948696 North, Longitude 103.743276 West. The Initial NMOCD Form C-141 indicated that on December 21, 2021 approximately three hundred forty-six bbls of oil and produced water were released when a mechanical failure occurred at the tank battery. A crew was dispatched to the release site and the pump was repaired; however, no fluid was recovered. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. NMOCD Form C-141 Remediation and Closure pages are included as Attachment V.

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. Depth to groundwater information is provided as Attachment II and the results are depicted on Figures 2 & 3.

Two water wells were located within a half mile of the release area; however, the groundwater data is over twenty-five years old and thus cannot be utilized to determine depth to groundwater. Consequently, the site was delineated and further remediated according to the strictest NMOCD Closure Criteria. Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows:

Depth to Groundwater	Constituent	Method	Limit
undetermined	Chloride	EPA 300.0 or SM4500 CLB	600 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	100 mg/kg
	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 December 22, 2021, Hungry Horse conducted an initial site assessment, consisting of photographing and mapping the release area, and initial clean-up of the release area. On December 23, 2021, Hungry Horse personnel collected surface samples from within the release area. On January 3, 2022, Hungry Horse personnel collected additional samples from the release area. During this sampling event, sample test trenches were advanced throughout the affected area in an effort to determine the vertical extent of contamination. These sample locations are identified by SP designation. On January 7, 2022, sample test trenches were advanced along the inferred edges of the affected area in an effort to determine the horizontal extent of contamination. These sample locations are identified by HZ designation. During the advancement of sample test trenches, soil samples were collected and field screened for the presence of volatile organic compounds via a photoionization detector (PID) and chloride concentrations utilizing a Hach Quantab® chloride test kit.

Based on field observations and field test data, forty representative soil samples were selected for laboratory analysis. Delineation soil samples SP1 through SP10, and HZ1 through HZ10, 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 SP10 at surface, and HZ1 at surface, which exhibited TPH and/or chloride concentrations in excess of NMOCD Closure Criteria.

From January 4 through 12, 2022, excavation activities commenced on location. The release area was excavated to a depth of approximately two feet bgs. Excavated soil was temporarily stockpiled at a nearby location, atop plastic, then hauled to a state approved facility for disposal.

On January 14, 2022, after excavation activities were complete, one hundred seventy-three composite confirmation soil samples were collected from the excavation floor and sidewalls. Soil samples FL1 through FL117 and SW1 through SW56, 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 FL5 at two feet bgs, which exhibited chloride concentrations in excess of NMOCD Closure Criteria.

On January 17, 2022, excavation activities continued on location. The area characterized by sample location HZ1 was excavated to a depth of approximately one-foot bgs, and soil hauled to an NMOCD approved facility for disposal. Soil samples, HZ1b Surf and HZ1b 1', were collected and sent to the lab for analysis of BTEX, TPH, and chloride. Laboratory analytical



results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

On January 26, 2022, excavation activities continued on location. The area characterized by sample location FL5 was excavated an additional half foot bgs, and soil hauled to an NMOCD approved facility for disposal. Soil sample FL5b 2.5' was collected and sent to the lab for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in the submitted sample.

A Delineation Sample Map is provided as Figure 4. Excavation Floor Sample Maps are provided as Figure 5 and Figure 6, respectively. Excavation Sidewall Sample Map is provided as Figure 7. Field data is provided as Attachment III. A Summary of Soil Sample Laboratory Analytical Results is provided as Table 1 and Laboratory Analytical Reports are provided as Attachment IV.

The excavated area measured approximately one thousand feet in length, twelve to one hundred fifty feet in width, and two to two and half feet in depth. During remediation activities approximately 1,800 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility.

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 and field activities conducted to date, Hungry Horse recommends Grand Banks Energy Co provide copies of this *Remediation Summary and Closure Request* to the appropriate agencies and request closure be granted to the ARU #16 location.



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:

Grand Banks Energy Co

PO Box 272

Midland, TX 79702

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 1

1625 N. French Drive

Hobbs, NM 88240

New Mexico State Land Office

914 N. Linam St.

Hobbs, NM 88240

Figures

**Figure 1**

Topographic Map
 Grand Banks Energy Co
 ARU #16
 GPS: 32.948696, -103.743276
 Lea County

Legend:

● ARU #16 Location

Drafted: dd
 Checked: bw
 Date: 2/7/22



**Figure 2**

OSE POD Locations Map

Grand Banks Energy Co

ARU #16

GPS: 32.948696, -103.743276

Lea County

Legend:

- ARU #16 Location
- Active OSE Water Well



Drafted: dd

Checked: bw

Date: 2/7/22

**Figure 3**

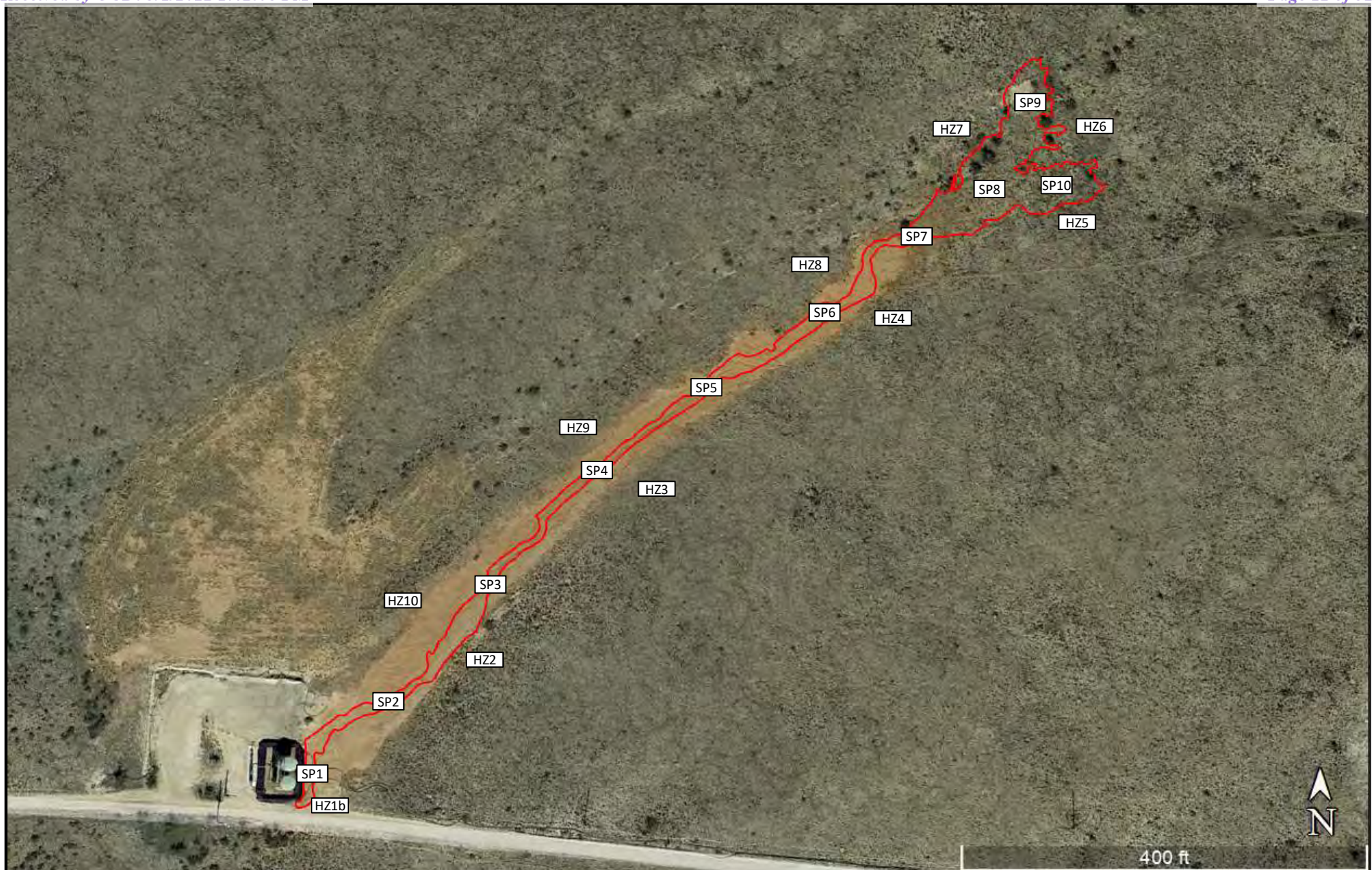
USGS Well Locations Map
Grand Banks Energy Co
ARU #16
GPS: 32.948696, -103.743276
Lea County

Legend:

● ARU #16 Location

Drafted: dd
Checked: bw
Date: 2/7/22



**Figure 4**

Delineation Sample Map
 Grand Banks Energy Co
 ARU #16
 GPS: 32.948696, -103.743276
 Lea County

Legend:

- Release Area
- SP1 Delineation Sample Location

Drafted: dd
 Checked: bw
 Date: 2/7/22



**Figure 5**

Excavation Floor Sample Map
 Grand Banks Energy Co
 ARU #16
 GPS: 32.948696, -103.743276
 Lea County

Legend:

-  Excavated Area
-  Composite Confirmation Sample Location

Drafted: dd
 Checked: bw
 Date: 2/8/22





**Figure 7**

Excavation Sidewall Sample Map

Grand Banks Energy Co

ARU #16

GPS: 32.948696, -103.743276

Lea County

Legend:

Excavated Area



Composite Confirmation Sample Location



Drafted: dd

Checked: bw

Date: 2/8/22

Table

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Grand Banks Energy Co
ARU #16
NMOCD Ref. #: nAPP2135656116

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SP1	12/23/21	Surf	Excavated	<0.0398	1.29	<49.9	72.1	72.1	<49.9	72.1	5,490
	1/3/22	2	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	292
SP2	12/23/21	Surf	Excavated	<0.0399	1.49	<250	678	678	<250	678	2,640
	1/3/22	2	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	262
SP3	12/23/21	Surf	Excavated	<0.0398	3.49	<250	2,110	2,110	278	2,390	623
	1/3/22	2	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	257
SP4	12/23/21	Surf	Excavated	0.0700	4.51	<249	3,090	3,090	405	3,500	6,640
	1/3/22	2	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	285
SP5	12/23/21	Surf	Excavated	0.0706	3.81	<250	2,060	2,060	296	2,360	7,440
	1/3/22	2	In-Situ	<0.00198	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	324
SP6	12/23/21	Surf	Excavated	<0.0398	6.64	<250	2,330	2,330	334	2,660	5,520
	1/3/22	2	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	287
SP7	12/23/21	Surf	Excavated	0.0504	8.32	<250	3,320	3,320	450	3,770	8,280
	1/3/22	2	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	198
SP8	12/23/21	Surf	Excavated	<0.0398	0.295	<249	1,050	1,050	<249	1,050	3,730
	1/3/22	2	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	344
SP9	12/23/21	Surf	Excavated	<0.0397	<0.00794	<250	3,140	3,140	424	3,560	2,400
	1/3/22	2	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	36.6
SP10	12/23/21	Surf	Excavated	<0.0398	3.47	<250	1,010	1,010	<250	1,010	3,970
	1/3/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	132
HZ1	1/7/22	Surf	Excavated	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	838
	1/7/22	1	Excavated	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	293
HZ2	1/7/22	Surf	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	253
	1/7/22	1	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	328
HZ3	1/7/22	Surf	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	331
	1/7/22	1	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	302
HZ4	1/7/22	Surf	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	327
	1/7/22	1	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	312
HZ5	1/7/22	Surf	In-Situ	<0.00198	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	367
	1/7/22	1	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	409
HZ6	1/7/22	Surf	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	60.8
	1/7/22	1	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	311
HZ7	1/7/22	Surf	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	44.4
	1/7/22	1	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	39.1
HZ8	1/7/22	Surf	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	43.0
	1/7/22	1	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	42.8
HZ9	1/7/22	Surf	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	49.9
	1/7/22	1	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	50.1
HZ10	1/7/22	Surf	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	52.3
	1/7/22	1	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	52.7
HZ1b	1/17/22	Surf	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	331
	1/17/22	1	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	9.26
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Grand Banks Energy Co
ARU #16
NMOCD Ref. #: nAPP2135656116

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	1/14/22	2	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	126
FL2	1/14/22	2	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	161
FL3	1/14/22	2	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	175
FL4	1/14/22	2	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	457
FL5	1/14/22	2	Excavated	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	1,020
FL6	1/14/22	2	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	500
FL7	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	446
FL8	1/14/22	2	In-Situ	<0.00198	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	569
FL9	1/14/22	2	In-Situ	<0.00198	<0.00397	<49.8	<49.8	<49.8	<49.8	<49.8	475
FL10	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	261
FL11	1/14/22	2	In-Situ	<0.00202	<0.00403	<49.8	<49.8	<49.8	<49.8	<49.8	509
FL12	1/14/22	2	In-Situ	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	560
FL13	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	511
FL14	1/14/22	2	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	464
FL15	1/14/22	2	In-Situ	<0.00200	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	518
FL16	1/14/22	2	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	519
FL17	1/14/22	2	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	566
FL18	1/14/22	2	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	566
FL19	1/14/22	2	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	517
FL20	1/14/22	2	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	462
FL21	1/14/22	2	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	296
FL22	1/14/22	2	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	330
FL23	1/14/22	2	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	220
FL24	1/14/22	2	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	235
FL25	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	98.1
FL26	1/14/22	2	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	101
FL27	1/14/22	2	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	92.8
FL28	1/14/22	2	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	90.3
FL29	1/14/22	2	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	171
FL30	1/14/22	2	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	102
FL31	1/14/22	2	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	121
FL32	1/14/22	2	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	168
FL33	1/14/22	2	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	191
FL34	1/14/22	2	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	327
FL35	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	65.2
FL36	1/14/22	2	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	88.1
FL37	1/14/22	2	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	21.5
FL38	1/14/22	2	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	233
FL39	1/14/22	2	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	258
FL40	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	445
FL41	1/14/22	2	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	26.4
FL42	1/14/22	2	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	16.6
FL43	1/14/22	2	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	12.3
FL44	1/14/22	2	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	32.2
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Grand Banks Energy Co
ARU #16
NMOCD Ref. #: nAPP2135656116

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)
FL45	1/14/22	2	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	6.17
FL46	1/14/22	2	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	27.8
FL47	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	27.2
FL48	1/14/22	2	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	30.7
FL49	1/14/22	2	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	28.2
FL50	1/14/22	2	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	27.9
FL51	1/14/22	2	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	139
FL52	1/14/22	2	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	270
FL53	1/14/22	2	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	157
FL54	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	195
FL55	1/14/22	2	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	110
FL56	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	18.6
FL57	1/14/22	2	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	21.5
FL58	1/14/22	2	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	18.7
FL59	1/14/22	2	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	22.5
FL60	1/14/22	2	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	39.3
FL61	1/14/22	2	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	66.3
FL62	1/14/22	2	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	76.7
FL63	1/14/22	2	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	21.9
FL64	1/14/22	2	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	8.49
FL65	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	125
FL66	1/14/22	2	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	87.5
FL67	1/14/22	2	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	15.9
FL68	1/14/22	2	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	25.9
FL69	1/14/22	2	In-Situ	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	85.8
FL70	1/14/22	2	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	59.2
FL71	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	210
FL72	1/14/22	2	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	79.1
FL73	1/14/22	2	In-Situ	<0.00202	<0.00403	<49.8	<49.8	<49.8	<49.8	<49.8	65.1
FL74	1/14/22	2	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	79.7
FL75	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	44.3
FL76	1/14/22	2	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	64.1
FL77	1/14/22	2	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	35.1
FL78	1/14/22	2	In-Situ	<0.00198	<0.00397	<49.9	<49.9	<49.9	<49.9	<49.9	63.5
FL79	1/14/22	2	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	73.5
FL80	1/14/22	2	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	36.6
FL81	1/14/22	2	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	36.9
FL82	1/14/22	2	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	23.6
FL83	1/14/22	2	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	22.2
FL84	1/14/22	2	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	16.9
FL85	1/14/22	2	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	18.6
FL86	1/14/22	2	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	21.0
FL87	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	33.9
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Grand Banks Energy Co
ARU #16
NMOCD Ref. #: nAPP2135656116

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)
FL88	1/14/22	2	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	50.0
FL89	1/14/22	2	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	34.9
FL90	1/14/22	2	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	31.3
FL91	1/14/22	2	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	29.3
FL92	1/14/22	2	In-Situ	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	25.8
FL93	1/14/22	2	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	34.5
FL94	1/14/22	2	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	27.6
FL95	1/14/22	2	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	24.1
FL96	1/14/22	2	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	39.1
FL97	1/14/22	2	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	23.7
FL98	1/14/22	2	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	40.6
FL99	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	128
FL100	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	15.8
FL101	1/14/22	2	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	20.0
FL102	1/14/22	2	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	36.7
FL103	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	55.5
FL104	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	63.8
FL105	1/14/22	2	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	192
FL106	1/14/22	2	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	77.9
FL107	1/14/22	2	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	51.6
FL108	1/14/22	2	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	126
FL109	1/14/22	2	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	147
FL110	1/14/22	2	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	217
FL111	1/14/22	2	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	242
FL112	1/14/22	2	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	220
FL113	1/14/22	2	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	50.7
FL114	1/14/22	2	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	98.5
FL115	1/14/22	2	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	190
FL116	1/14/22	2	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	451
FL117	1/14/22	2	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	409
FL5b	1/26/22	2.5	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	22.0
SW1	1/14/22	1	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	244
SW2	1/14/22	1	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	32.9
SW3	1/14/22	1	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	37.7
SW4	1/14/22	1	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	30.4
SW5	1/14/22	1	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	31.0
SW6	1/14/22	1	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	27.8
SW7	1/14/22	1	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	23.4
SW8	1/14/22	1	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	13.5
SW9	1/14/22	1	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	16.4
SW10	1/14/22	1	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	14.3
SW11	1/14/22	1	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	14.8
SW12	1/14/22	1	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	16.5
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Grand Banks Energy Co
ARU #16
NMOCD Ref. #: nAPP2135656116

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)
SW13	1/14/22	1	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	22.4
SW14	1/14/22	1	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	<4.95
SW15	1/14/22	1	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	9.97
SW16	1/14/22	1	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	13.8
SW17	1/14/22	1	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	13.5
SW18	1/14/22	1	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	107
SW19	1/14/22	1	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	127
SW20	1/14/22	1	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	77.8
SW21	1/14/22	1	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	59.9
SW22	1/14/22	1	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	154
SW23	1/14/22	1	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	22.4
SW24	1/14/22	1	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	30.8
SW25	1/14/22	1	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	15.6
SW26	1/14/22	1	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	16.6
SW27	1/14/22	1	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	16.7
SW28	1/14/22	1	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	12.3
SW29	1/14/22	1	In-Situ	0.00319	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	16.4
SW30	1/14/22	1	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	212
SW31	1/14/22	1	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	103
SW32	1/14/22	1	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	107
SW33	1/14/22	1	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	15.6
SW34	1/14/22	1	In-Situ	<0.00198	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	21.7
SW35	1/14/22	1	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	<5.00
SW36	1/14/22	1	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	<5.00
SW37	1/14/22	1	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	<4.95
SW38	1/14/22	1	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	<5.04
SW39	1/14/22	1	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	6.15
SW40	1/14/22	1	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	418
SW41	1/14/22	1	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	125
SW42	1/14/22	1	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	38.8
SW43	1/14/22	1	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	151
SW44	1/14/22	1	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	13.5
SW45	1/14/22	1	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	7.69
SW46	1/14/22	1	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	85.9
SW47	1/14/22	1	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	82.3
SW48	1/14/22	1	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	66.2
SW49	1/14/22	1	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	170
SW50	1/14/22	1	In-Situ	<0.00198	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	166
SW51	1/14/22	1	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	261
SW52	1/14/22	1	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	289
SW53	1/14/22	1	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	39.2
SW54	1/14/22	1	In-Situ	<0.00198	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	39.0
SW55	1/14/22	1	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	44.3
SW56	1/14/22	1	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	7.37
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Attachment I

Site Photographs

Photographs



Photographs



Photographs



Photographs



Photographs



Photographs

Photo:	11	Description: Excavating contaminated soil.
Photo:	12	Description: Excavating contaminated soil.

Photographs



Photographs

Photo:	15	Description: Excavation.
South West Elevation ☼ 62°NE (T) ● 32°57'0"N, 103°44'28"W ±13ft ▲ 4281ft  06 Jan 2022, 10:40:16		

Photo:	16	Description: Excavation.
North East Elevation ☼ 239°SW (T) ● 32°57'1"N, 103°44'27"W ±13ft ▲ 4307ft  06 Jan 2022, 10:41:10		

Photographs



Photographs



Photographs

Photo:	21	Description: Backfilled excavation.
West Elevation ☀ 75°E (T) ● 32.950354°, -103.741481° ±13ft ▲ 4311ft  08 Feb 2022, 09:30:01		
Photo:	22	Description: Backfilled excavation.
South West Elevation ☀ 29°NE (T) ● 32.950349°, -103.741062° ±13ft ▲ 4303ft  08 Feb 2022, 09:30:35		

Photographs



Attachment II

Depth to Groundwater



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 02954	L	LE		2	4	03	16S	32E		617043	3646310*	426	120	65	55
L 02467	L	LE		1	4	02	16S	32E		618250	3646322*	780	328	275	53

Average Depth to Water: **170 feet**

Minimum Depth: **65 feet**

Maximum Depth: **275 feet**

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 617469.66

Northing (Y): 3646300.15

Radius: 880

*UTM location was derived from PLSS - see Help

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.

12/22/21 3:41 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
L	02467	1	4	02	16S	32E	618250	3646322*	

Driller License:	46	Driller Company:	ABBOTT BROTHERS COMPANY	
Driller Name:	MURRILL ABBOTT			

Drill Start Date:	01/19/1954	Drill Finish Date:	01/21/1954	Plug Date:	
Log File Date:	01/29/1954	PCW Rev Date:	01/29/1954	Source:	Shallow
Pump Type:	TURBIN	Pipe Discharge Size:		Estimated Yield:	50 GPM
Casing Size:	7.00	Depth Well:	328 feet	Depth Water:	275 feet

Water Bearing Stratifications:	Top	Bottom	Description
	275	328	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	270	328

*UTM location was derived from PLSS - see Help

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.

12/22/21 3:43 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
L	02954	2	4	03	16S	32E		617043	3646310* 
Driller License: 46		Driller Company:				ABBOTT BROTHERS COMPANY			
Driller Name:		MURRELL ABBOTT							
Drill Start Date: 07/28/1955		Drill Finish Date:				07/28/1955		Plug Date:	
Log File Date: 08/11/1955		PCW Rev Date:						Source: Shallow	
Pump Type:		Pipe Discharge Size:						Estimated Yield:	
Casing Size:		Depth Well:				120 feet		Depth Water: 65 feet	
Water Bearing Stratifications:					Top	Bottom	Description		
					65	120	Sandstone/Gravel/Conglomerate		

*UTM location was derived from PLSS - see Help

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.

12/22/21 3:42 PM

POINT OF DIVERSION SUMMARY

Attachment III

Field Data

Sample Log

Date: 12-23-21

Longitude: -103.743276

Sampler: *Linols*

[illegible]

Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

Sample Log

Date: 1/7/22

Latitude: 32.948696

Longitude: -103.743276

Sampler: Bradley

[illegible]

Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

Attachment IV

Laboratory Analytical Reports



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-9699-1
Client Project/Site: ARU #16

For:

Hungry Horse LLC
PO BOX 1058
Hobbs, New Mexico 88241

Attn: Lindsey Nevels

A handwritten signature in black ink that reads "Holly Taylor".

Authorized for release by:
1/4/2022 5:20:44 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Hungry Horse LLC
Project/Site: ARU #16

Laboratory Job ID: 880-9699-1

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	13
QC Sample Results	14
QC Association Summary	18
Lab Chronicle	21
Certification Summary	25
Method Summary	26
Sample Summary	27
Chain of Custody	28
Receipt Checklists	29

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Xenco, Midland

Case Narrative

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Job ID: 880-9699-1**Laboratory: Eurofins Xenco, Midland****Narrative****Job Narrative
880-9699-1****Comments**

No additional comments.

Receipt

The samples were received on 12/27/2021 11:04 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 19.5° C.

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: SP3 (880-9699-3), SP4 (880-9699-4), SP5 (880-9699-5), SP6 (880-9699-6), SP7 (880-9699-7), (CCV 880-15714/21), (CCV 880-15714/34), (LCS 880-15693/1-A), (LCSD 880-15693/2-A) and (880-9683-A-1-C). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-15693 and analytical batch 880-15714 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-15719 and analytical batch 880-15825 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: SP4 (880-9699-4) and SP8 (880-9699-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-15719/1-A). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Client Sample ID: SP1

Lab Sample ID: 880-9699-1

Date Collected: 12/23/21 00:00

Matrix: Solid

Date Received: 12/27/21 11:04

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398	mg/Kg		12/29/21 08:23	12/30/21 01:18	20
Toluene	0.274		0.0398	mg/Kg		12/29/21 08:23	12/30/21 01:18	20
Ethylbenzene	0.386		0.0398	mg/Kg		12/29/21 08:23	12/30/21 01:18	20
m-Xylene & p-Xylene	0.387		0.0797	mg/Kg		12/29/21 08:23	12/30/21 01:18	20
o-Xylene	0.243		0.0398	mg/Kg		12/29/21 08:23	12/30/21 01:18	20
Xylenes, Total	0.630		0.0797	mg/Kg		12/29/21 08:23	12/30/21 01:18	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	12/29/21 08:23	12/30/21 01:18	20
1,4-Difluorobenzene (Surr)	98		70 - 130	12/29/21 08:23	12/30/21 01:18	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.29		0.0797	mg/Kg			01/04/22 16:22	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	72.1		49.9	mg/Kg			01/03/22 14:12	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	49.9	mg/Kg		12/29/21 10:13	01/01/22 03:57	1
Diesel Range Organics (Over C10-C28)	72.1	F1	49.9	mg/Kg		12/29/21 10:13	01/01/22 03:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		12/29/21 10:13	01/01/22 03:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	12/29/21 10:13	01/01/22 03:57	1
o-Terphenyl	119		70 - 130	12/29/21 10:13	01/01/22 03:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5490		49.5	mg/Kg			01/03/22 09:20	10

Client Sample ID: SP2

Lab Sample ID: 880-9699-2

Date Collected: 12/23/21 00:00

Matrix: Solid

Date Received: 12/27/21 11:04

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0399	U	0.0399	mg/Kg		12/29/21 08:23	12/30/21 01:38	20
Toluene	<0.0399	U	0.0399	mg/Kg		12/29/21 08:23	12/30/21 01:38	20
Ethylbenzene	0.373		0.0399	mg/Kg		12/29/21 08:23	12/30/21 01:38	20
m-Xylene & p-Xylene	0.716		0.0798	mg/Kg		12/29/21 08:23	12/30/21 01:38	20
o-Xylene	0.400		0.0399	mg/Kg		12/29/21 08:23	12/30/21 01:38	20
Xylenes, Total	1.12		0.0798	mg/Kg		12/29/21 08:23	12/30/21 01:38	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	12/29/21 08:23	12/30/21 01:38	20

Eurofins Xenco, Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Client Sample ID: SP2

Lab Sample ID: 880-9699-2

Date Collected: 12/23/21 00:00

Matrix: Solid

Date Received: 12/27/21 11:04

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	101		70 - 130	12/29/21 08:23	12/30/21 01:38	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.49		0.0798	mg/Kg			01/04/22 16:22	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	678		250	mg/Kg			01/03/22 14:12	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<250	U	250	mg/Kg		12/29/21 10:13	01/01/22 08:45	5
Diesel Range Organics (Over C10-C28)	678		250	mg/Kg		12/29/21 10:13	01/01/22 08:45	5
Oil Range Organics (Over C28-C36)	<250	U	250	mg/Kg		12/29/21 10:13	01/01/22 08:45	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130			12/29/21 10:13	01/01/22 08:45	5
o-Terphenyl	79		70 - 130			12/29/21 10:13	01/01/22 08:45	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2640		25.3	mg/Kg			01/03/22 09:28	5

Client Sample ID: SP3

Lab Sample ID: 880-9699-3

Date Collected: 12/23/21 00:00

Matrix: Solid

Date Received: 12/27/21 11:04

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398	mg/Kg		12/29/21 08:23	12/30/21 01:59	20
Toluene	0.264		0.0398	mg/Kg		12/29/21 08:23	12/30/21 01:59	20
Ethylbenzene	0.756		0.0398	mg/Kg		12/29/21 08:23	12/30/21 01:59	20
m-Xylene & p-Xylene	1.47		0.0795	mg/Kg		12/29/21 08:23	12/30/21 01:59	20
o-Xylene	1.00		0.0398	mg/Kg		12/29/21 08:23	12/30/21 01:59	20
Xylenes, Total	2.47		0.0795	mg/Kg		12/29/21 08:23	12/30/21 01:59	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130	12/29/21 08:23	12/30/21 01:59	20
1,4-Difluorobenzene (Surr)	101		70 - 130	12/29/21 08:23	12/30/21 01:59	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	3.49		0.0795	mg/Kg			01/04/22 16:22	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2390		250	mg/Kg			01/03/22 14:12	1

Eurofins Xenco, Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Client Sample ID: SP3

Lab Sample ID: 880-9699-3

Date Collected: 12/23/21 00:00

Matrix: Solid

Date Received: 12/27/21 11:04

Sample Depth: Surf

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<250	U	250	mg/Kg		12/29/21 10:13	01/01/22 09:06	5
Diesel Range Organics (Over C10-C28)	2110		250	mg/Kg		12/29/21 10:13	01/01/22 09:06	5
Oil Range Organics (Over C28-C36)	278		250	mg/Kg		12/29/21 10:13	01/01/22 09:06	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130			12/29/21 10:13	01/01/22 09:06	5
o-Terphenyl	92		70 - 130			12/29/21 10:13	01/01/22 09:06	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	623		4.96	mg/Kg			01/03/22 09:36	1

Client Sample ID: SP4

Lab Sample ID: 880-9699-4

Date Collected: 12/23/21 00:00

Matrix: Solid

Date Received: 12/27/21 11:04

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0700		0.0402	mg/Kg		12/29/21 08:23	12/30/21 02:19	20
Toluene	0.849		0.0402	mg/Kg		12/29/21 08:23	12/30/21 02:19	20
Ethylbenzene	1.08		0.0402	mg/Kg		12/29/21 08:23	12/30/21 02:19	20
m-Xylene & p-Xylene	1.68		0.0805	mg/Kg		12/29/21 08:23	12/30/21 02:19	20
o-Xylene	0.833		0.0402	mg/Kg		12/29/21 08:23	12/30/21 02:19	20
Xylenes, Total	2.51		0.0805	mg/Kg		12/29/21 08:23	12/30/21 02:19	20
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	175	S1+	70 - 130			12/29/21 08:23	12/30/21 02:19	20
1,4-Difluorobenzene (Surr)	77		70 - 130			12/29/21 08:23	12/30/21 02:19	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	4.51		0.0805	mg/Kg			01/04/22 16:22	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3500		249	mg/Kg			01/03/22 14:12	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<249	U	249	mg/Kg		12/29/21 10:13	01/01/22 09:26	5
Diesel Range Organics (Over C10-C28)	3090		249	mg/Kg		12/29/21 10:13	01/01/22 09:26	5
Oil Range Organics (Over C28-C36)	405		249	mg/Kg		12/29/21 10:13	01/01/22 09:26	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	43	S1-	70 - 130			12/29/21 10:13	01/01/22 09:26	5

Eurofins Xenco, Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Client Sample ID: SP4

Date Collected: 12/23/21 00:00

Date Received: 12/27/21 11:04

Sample Depth: Surf

Lab Sample ID: 880-9699-4

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	58	S1-	70 - 130	12/29/21 10:13	01/01/22 09:26	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6640		49.9	mg/Kg			01/03/22 09:59	10

Client Sample ID: SP5

Date Collected: 12/23/21 00:00

Date Received: 12/27/21 11:04

Sample Depth: Surf

Lab Sample ID: 880-9699-5

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0706		0.0401	mg/Kg		12/29/21 08:23	12/30/21 02:39	20
Toluene	0.499		0.0401	mg/Kg		12/29/21 08:23	12/30/21 02:39	20
Ethylbenzene	0.867		0.0401	mg/Kg		12/29/21 08:23	12/30/21 02:39	20
m-Xylene & p-Xylene	1.54		0.0802	mg/Kg		12/29/21 08:23	12/30/21 02:39	20
o-Xylene	0.835		0.0401	mg/Kg		12/29/21 08:23	12/30/21 02:39	20
Xylenes, Total	2.38		0.0802	mg/Kg		12/29/21 08:23	12/30/21 02:39	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130	12/29/21 08:23	12/30/21 02:39	20
1,4-Difluorobenzene (Surr)	89		70 - 130	12/29/21 08:23	12/30/21 02:39	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	3.81		0.0802	mg/Kg			01/04/22 16:22	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2360		250	mg/Kg			01/03/22 14:12	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<250	U	250	mg/Kg		12/29/21 10:13	01/01/22 09:47	5
Diesel Range Organics (Over C10-C28)	2060		250	mg/Kg		12/29/21 10:13	01/01/22 09:47	5
Oil Range Organics (Over C28-C36)	296		250	mg/Kg		12/29/21 10:13	01/01/22 09:47	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	12/29/21 10:13	01/01/22 09:47	5
o-Terphenyl	89		70 - 130	12/29/21 10:13	01/01/22 09:47	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7440		50.1	mg/Kg			01/03/22 10:07	10

Eurofins Xenco, Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Client Sample ID: SP6

Lab Sample ID: 880-9699-6

Date Collected: 12/23/21 00:00

Matrix: Solid

Date Received: 12/27/21 11:04

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398	mg/Kg		12/29/21 08:23	12/30/21 03:00	20
Toluene	0.754		0.0398	mg/Kg		12/29/21 08:23	12/30/21 03:00	20
Ethylbenzene	1.86		0.0398	mg/Kg		12/29/21 08:23	12/30/21 03:00	20
m-Xylene & p-Xylene	2.66		0.0795	mg/Kg		12/29/21 08:23	12/30/21 03:00	20
o-Xylene	1.37		0.0398	mg/Kg		12/29/21 08:23	12/30/21 03:00	20
Xylenes, Total	4.03		0.0795	mg/Kg		12/29/21 08:23	12/30/21 03:00	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	203	S1+	70 - 130	12/29/21 08:23	12/30/21 03:00	20
1,4-Difluorobenzene (Surr)	92		70 - 130	12/29/21 08:23	12/30/21 03:00	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	6.64		0.0795	mg/Kg			01/04/22 16:22	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2660		250	mg/Kg			01/03/22 14:12	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<250	U	250	mg/Kg		12/29/21 10:13	01/01/22 10:08	5
Diesel Range Organics (Over C10-C28)	2330		250	mg/Kg		12/29/21 10:13	01/01/22 10:08	5
Oil Range Organics (Over C28-C36)	334		250	mg/Kg		12/29/21 10:13	01/01/22 10:08	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	12/29/21 10:13	01/01/22 10:08	5
o-Terphenyl	94		70 - 130	12/29/21 10:13	01/01/22 10:08	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5520		49.8	mg/Kg			01/03/22 10:15	10

Client Sample ID: SP7

Lab Sample ID: 880-9699-7

Date Collected: 12/23/21 00:00

Matrix: Solid

Date Received: 12/27/21 11:04

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0504		0.0399	mg/Kg		12/29/21 08:23	12/30/21 05:43	20
Toluene	1.06		0.0399	mg/Kg		12/29/21 08:23	12/30/21 05:43	20
Ethylbenzene	2.21		0.0399	mg/Kg		12/29/21 08:23	12/30/21 05:43	20
m-Xylene & p-Xylene	3.39		0.0798	mg/Kg		12/29/21 08:23	12/30/21 05:43	20
o-Xylene	1.61		0.0399	mg/Kg		12/29/21 08:23	12/30/21 05:43	20
Xylenes, Total	5.00		0.0798	mg/Kg		12/29/21 08:23	12/30/21 05:43	20

Eurofins Xenco, Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Client Sample ID: SP7

Lab Sample ID: 880-9699-7

Date Collected: 12/23/21 00:00

Matrix: Solid

Date Received: 12/27/21 11:04

Sample Depth: Surf

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	12/29/21 08:23	12/30/21 05:43	20
1,4-Difluorobenzene (Surr)	83		70 - 130	12/29/21 08:23	12/30/21 05:43	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	8.32		0.0798	mg/Kg			01/04/22 16:22	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3770		250	mg/Kg			01/03/22 14:12	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<250	U	250	mg/Kg		12/29/21 10:13	01/01/22 10:29	5
Diesel Range Organics (Over C10-C28)	3320		250	mg/Kg		12/29/21 10:13	01/01/22 10:29	5
Oil Range Organics (Over C28-C36)	450		250	mg/Kg		12/29/21 10:13	01/01/22 10:29	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130			12/29/21 10:13	01/01/22 10:29	5
o-Terphenyl	88		70 - 130			12/29/21 10:13	01/01/22 10:29	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8280		49.5	mg/Kg			01/03/22 10:23	10

Client Sample ID: SP8

Lab Sample ID: 880-9699-8

Date Collected: 12/23/21 00:00

Matrix: Solid

Date Received: 12/27/21 11:04

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398	mg/Kg		12/29/21 08:23	12/30/21 06:04	20
Toluene	<0.0398	U	0.0398	mg/Kg		12/29/21 08:23	12/30/21 06:04	20
Ethylbenzene	0.0687		0.0398	mg/Kg		12/29/21 08:23	12/30/21 06:04	20
m-Xylene & p-Xylene	0.105		0.0797	mg/Kg		12/29/21 08:23	12/30/21 06:04	20
o-Xylene	0.121		0.0398	mg/Kg		12/29/21 08:23	12/30/21 06:04	20
Xylenes, Total	0.226		0.0797	mg/Kg		12/29/21 08:23	12/30/21 06:04	20
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130			12/29/21 08:23	12/30/21 06:04	20
1,4-Difluorobenzene (Surr)	108		70 - 130			12/29/21 08:23	12/30/21 06:04	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.295		0.0797	mg/Kg			01/04/22 16:22	1

Eurofins Xenco, Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Client Sample ID: SP8

Lab Sample ID: 880-9699-8

Date Collected: 12/23/21 00:00

Matrix: Solid

Date Received: 12/27/21 11:04

Sample Depth: Surf

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1050		249	mg/Kg			01/03/22 14:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<249	U	249	mg/Kg		12/29/21 10:13	01/01/22 10:50	5
Diesel Range Organics (Over C10-C28)	1050		249	mg/Kg		12/29/21 10:13	01/01/22 10:50	5
OII Range Organics (Over C28-C36)	<249	U	249	mg/Kg		12/29/21 10:13	01/01/22 10:50	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	484	S1+	70 - 130			12/29/21 10:13	01/01/22 10:50	5
o-Terphenyl	581	S1+	70 - 130			12/29/21 10:13	01/01/22 10:50	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3730		24.9	mg/Kg			01/03/22 10:30	5

Client Sample ID: SP9

Lab Sample ID: 880-9699-9

Date Collected: 12/23/21 00:00

Matrix: Solid

Date Received: 12/27/21 11:04

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0397	U	0.0397	mg/Kg		12/29/21 08:23	12/30/21 06:24	20
Toluene	<0.0397	U	0.0397	mg/Kg		12/29/21 08:23	12/30/21 06:24	20
Ethylbenzene	<0.0397	U	0.0397	mg/Kg		12/29/21 08:23	12/30/21 06:24	20
m-Xylene & p-Xylene	<0.0794	U	0.0794	mg/Kg		12/29/21 08:23	12/30/21 06:24	20
o-Xylene	<0.0397	U	0.0397	mg/Kg		12/29/21 08:23	12/30/21 06:24	20
Xylenes, Total	<0.0794	U	0.0794	mg/Kg		12/29/21 08:23	12/30/21 06:24	20
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			12/29/21 08:23	12/30/21 06:24	20
1,4-Difluorobenzene (Surr)	118		70 - 130			12/29/21 08:23	12/30/21 06:24	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0794	U	0.0794	mg/Kg			01/04/22 16:22	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3560		250	mg/Kg			01/03/22 14:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<250	U	250	mg/Kg		12/29/21 10:13	01/01/22 11:10	5
Diesel Range Organics (Over C10-C28)	3140		250	mg/Kg		12/29/21 10:13	01/01/22 11:10	5
OII Range Organics (Over C28-C36)	424		250	mg/Kg		12/29/21 10:13	01/01/22 11:10	5

Eurofins Xenco, Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Client Sample ID: SP9

Date Collected: 12/23/21 00:00

Date Received: 12/27/21 11:04

Sample Depth: Surf

Lab Sample ID: 880-9699-9

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	12/29/21 10:13	01/01/22 11:10	5
o-Terphenyl	87		70 - 130	12/29/21 10:13	01/01/22 11:10	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2400		25.0	mg/Kg			01/03/22 10:38	5

Client Sample ID: SP10

Date Collected: 12/23/21 00:00

Date Received: 12/27/21 11:04

Sample Depth: Surf

Lab Sample ID: 880-9699-10

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398	mg/Kg		12/29/21 08:23	12/30/21 10:18	20
Toluene	0.299		0.0398	mg/Kg		12/29/21 08:23	12/30/21 10:18	20
Ethylbenzene	0.987		0.0398	mg/Kg		12/29/21 08:23	12/30/21 10:18	20
m-Xylene & p-Xylene	1.41		0.0795	mg/Kg		12/29/21 08:23	12/30/21 10:18	20
o-Xylene	0.773		0.0398	mg/Kg		12/29/21 08:23	12/30/21 10:18	20
Xylenes, Total	2.18		0.0795	mg/Kg		12/29/21 08:23	12/30/21 10:18	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	12/29/21 08:23	12/30/21 10:18	20
1,4-Difluorobenzene (Surr)	88		70 - 130	12/29/21 08:23	12/30/21 10:18	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	3.47		0.0795	mg/Kg			01/04/22 16:22	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1010		250	mg/Kg			01/03/22 14:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<250	U	250	mg/Kg		12/29/21 10:13	01/01/22 11:31	5
Diesel Range Organics (Over C10-C28)	1010		250	mg/Kg		12/29/21 10:13	01/01/22 11:31	5
Oil Range Organics (Over C28-C36)	<250	U	250	mg/Kg		12/29/21 10:13	01/01/22 11:31	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	12/29/21 10:13	01/01/22 11:31	5
o-Terphenyl	89		70 - 130	12/29/21 10:13	01/01/22 11:31	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3970		25.1	mg/Kg			01/03/22 11:02	5

Eurofins Xenco, Midland

Surrogate Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-9683-A-1-A MS	Matrix Spike	132 S1+	73
880-9683-A-1-B MSD	Matrix Spike Duplicate	108	95
880-9699-1	SP1	113	98
880-9699-2	SP2	124	101
880-9699-3	SP3	148 S1+	101
880-9699-4	SP4	175 S1+	77
880-9699-5	SP5	152 S1+	89
880-9699-6	SP6	203 S1+	92
880-9699-7	SP7	136 S1+	83
880-9699-8	SP8	124	108
880-9699-9	SP9	115	118
880-9699-10	SP10	131 S1+	88
LCS 880-15693/1-A	Lab Control Sample	99	96
LCSD 880-15693/2-A	Lab Control Sample Dup	146 S1+	109
MB 880-15651/5-A	Method Blank	104	102
MB 880-15693/5-A	Method Blank	117	105
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-9699-1	SP1	102	119
880-9699-1 MS	SP1	105	113
880-9699-1 MSD	SP1	97	103
880-9699-2	SP2	89	79
880-9699-3	SP3	101	92
880-9699-4	SP4	43 S1-	58 S1-
880-9699-5	SP5	102	89
880-9699-6	SP6	98	94
880-9699-7	SP7	96	88
880-9699-8	SP8	484 S1+	581 S1+
880-9699-9	SP9	93	87
880-9699-10	SP10	98	89
LCS 880-15719/2-A	Lab Control Sample	119	120
LCSD 880-15719/3-A	Lab Control Sample Dup	113	108
MB 880-15719/1-A	Method Blank	124	156 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Xenco, Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-15651/5-A

Matrix: Solid

Analysis Batch: 15714

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15651

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		12/28/21 13:02	12/29/21 12:43	1
Toluene	<0.00200	U	0.00200	mg/Kg		12/28/21 13:02	12/29/21 12:43	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		12/28/21 13:02	12/29/21 12:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		12/28/21 13:02	12/29/21 12:43	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		12/28/21 13:02	12/29/21 12:43	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		12/28/21 13:02	12/29/21 12:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	12/28/21 13:02	12/29/21 12:43	1
1,4-Difluorobenzene (Surr)	102		70 - 130	12/28/21 13:02	12/29/21 12:43	1

Lab Sample ID: MB 880-15693/5-A

Matrix: Solid

Analysis Batch: 15714

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15693

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		12/29/21 08:23	12/29/21 23:35	1
Toluene	<0.00200	U	0.00200	mg/Kg		12/29/21 08:23	12/29/21 23:35	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		12/29/21 08:23	12/29/21 23:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		12/29/21 08:23	12/29/21 23:35	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		12/29/21 08:23	12/29/21 23:35	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		12/29/21 08:23	12/29/21 23:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	12/29/21 08:23	12/29/21 23:35	1
1,4-Difluorobenzene (Surr)	105		70 - 130	12/29/21 08:23	12/29/21 23:35	1

Lab Sample ID: LCS 880-15693/1-A

Matrix: Solid

Analysis Batch: 15714

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15693

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-15693/2-A

Matrix: Solid

Analysis Batch: 15714

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15693

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.07766		mg/Kg		78	70 - 130	NaN	35
Toluene	0.100	0.07298		mg/Kg		73	70 - 130	NaN	35
Ethylbenzene	0.100	0.09873		mg/Kg		99	70 - 130	NaN	35
m-Xylene & p-Xylene	0.200	0.1998		mg/Kg		100	70 - 130	NaN	35
o-Xylene	0.100	0.1009		mg/Kg		101	70 - 130	NaN	35

Eurofins Xenco, Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-15693/2-A

Matrix: Solid

Analysis Batch: 15714

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15693

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-9683-A-1-A MS

Matrix: Solid

Analysis Batch: 15714

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 15693

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F2 F1	0.0996	0.03709	F1	mg/Kg		37	70 - 130
Toluene	<0.00199	U F1	0.0996	0.05151	F1	mg/Kg		52	70 - 130
Ethylbenzene	<0.00199	U F1	0.0996	0.05531	F1	mg/Kg		56	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.1246	F1	mg/Kg		63	70 - 130
o-Xylene	<0.00199	U F1	0.0996	0.06210	F1	mg/Kg		62	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130
1,4-Difluorobenzene (Surr)	73		70 - 130

Lab Sample ID: 880-9683-A-1-B MSD

Matrix: Solid

Analysis Batch: 15714

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 15693

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F2 F1	0.0998	0.06682	F2 F1	mg/Kg		67	70 - 130	57	35
Toluene	<0.00199	U F1	0.0998	0.06868	F1	mg/Kg		69	70 - 130	29	35
Ethylbenzene	<0.00199	U F1	0.0998	0.06890	F1	mg/Kg		69	70 - 130	22	35
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1420		mg/Kg		71	70 - 130	13	35
o-Xylene	<0.00199	U F1	0.0998	0.07328		mg/Kg		73	70 - 130	17	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-15719/1-A

Matrix: Solid

Analysis Batch: 15825

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15719

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		12/29/21 10:13	01/01/22 02:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		12/29/21 10:13	01/01/22 02:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		12/29/21 10:13	01/01/22 02:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	12/29/21 10:13	01/01/22 02:54	1

Eurofins Xenco, Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-15719/1-A

Matrix: Solid

Analysis Batch: 15825

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15719

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	156	S1+	70 - 130	12/29/21 10:13	01/01/22 02:54	1

Lab Sample ID: LCS 880-15719/2-A

Matrix: Solid

Analysis Batch: 15825

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15719

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1031		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1271		mg/Kg		127	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	119		70 - 130								
o-Terphenyl	120		70 - 130								

Lab Sample ID: LCSD 880-15719/3-A

Matrix: Solid

Analysis Batch: 15825

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15719

			Spike	LCSD	LCSD				%Rec.	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1034		mg/Kg		103	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	1280		mg/Kg		128	70 - 130	1	20

Lab Sample ID: 880-9699-1 MS

Matrix: Solid

Analysis Batch: 15825

Client Sample ID: SP1

Prep Type: Total/NA

Prep Batch: 15719

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.		
	Result	Qualifier	Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	996	790.6		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	72.1	F1	996	651.3	F1	mg/Kg		58	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	105		70 - 130								
o-Terphenyl	113		70 - 130								

Eurofins Xenco, Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-9699-1 MSD

Matrix: Solid

Analysis Batch: 15825

Client Sample ID: SP1

Prep Type: Total/NA

Prep Batch: 15719

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	999	587.9	F1 F2	mg/Kg		59	70 - 130	29	20
Diesel Range Organics (Over C10-C28)	72.1	F1	999	600.2	F1	mg/Kg		53	70 - 130	8	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	97		70 - 130								
o-Terphenyl	103		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-15703/1-A

Matrix: Solid

Analysis Batch: 15914

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/03/22 08:25	1

Lab Sample ID: LCS 880-15703/2-A

Matrix: Solid

Analysis Batch: 15914

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	241.7		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-15703/3-A

Matrix: Solid

Analysis Batch: 15914

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	241.2		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-9699-9 MS

Matrix: Solid

Analysis Batch: 15914

Client Sample ID: SP9

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	2400		1250	3711		mg/Kg		105	90 - 110

Lab Sample ID: 880-9699-9 MSD

Matrix: Solid

Analysis Batch: 15914

Client Sample ID: SP9

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	2400		1250	3705		mg/Kg		104	90 - 110	0	20

Eurofins Xenco, Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

GC VOA

Prep Batch: 15651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-15651/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 15693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9699-1	SP1	Total/NA	Solid	5035	
880-9699-2	SP2	Total/NA	Solid	5035	
880-9699-3	SP3	Total/NA	Solid	5035	
880-9699-4	SP4	Total/NA	Solid	5035	
880-9699-5	SP5	Total/NA	Solid	5035	
880-9699-6	SP6	Total/NA	Solid	5035	
880-9699-7	SP7	Total/NA	Solid	5035	
880-9699-8	SP8	Total/NA	Solid	5035	
880-9699-9	SP9	Total/NA	Solid	5035	
880-9699-10	SP10	Total/NA	Solid	5035	
MB 880-15693/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-15693/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-15693/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9683-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-9683-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 15714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9699-1	SP1	Total/NA	Solid	8021B	15693
880-9699-2	SP2	Total/NA	Solid	8021B	15693
880-9699-3	SP3	Total/NA	Solid	8021B	15693
880-9699-4	SP4	Total/NA	Solid	8021B	15693
880-9699-5	SP5	Total/NA	Solid	8021B	15693
880-9699-6	SP6	Total/NA	Solid	8021B	15693
880-9699-7	SP7	Total/NA	Solid	8021B	15693
880-9699-8	SP8	Total/NA	Solid	8021B	15693
880-9699-9	SP9	Total/NA	Solid	8021B	15693
880-9699-10	SP10	Total/NA	Solid	8021B	15693
MB 880-15651/5-A	Method Blank	Total/NA	Solid	8021B	15651
MB 880-15693/5-A	Method Blank	Total/NA	Solid	8021B	15693
LCS 880-15693/1-A	Lab Control Sample	Total/NA	Solid	8021B	15693
LCSD 880-15693/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	15693
880-9683-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	15693
880-9683-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	15693

Analysis Batch: 16004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9699-1	SP1	Total/NA	Solid	Total BTEX	
880-9699-2	SP2	Total/NA	Solid	Total BTEX	
880-9699-3	SP3	Total/NA	Solid	Total BTEX	
880-9699-4	SP4	Total/NA	Solid	Total BTEX	
880-9699-5	SP5	Total/NA	Solid	Total BTEX	
880-9699-6	SP6	Total/NA	Solid	Total BTEX	
880-9699-7	SP7	Total/NA	Solid	Total BTEX	
880-9699-8	SP8	Total/NA	Solid	Total BTEX	
880-9699-9	SP9	Total/NA	Solid	Total BTEX	
880-9699-10	SP10	Total/NA	Solid	Total BTEX	

Eurofins Xenco, Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

GC Semi VOA

Prep Batch: 15719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9699-1	SP1	Total/NA	Solid	8015NM Prep	
880-9699-2	SP2	Total/NA	Solid	8015NM Prep	
880-9699-3	SP3	Total/NA	Solid	8015NM Prep	
880-9699-4	SP4	Total/NA	Solid	8015NM Prep	
880-9699-5	SP5	Total/NA	Solid	8015NM Prep	
880-9699-6	SP6	Total/NA	Solid	8015NM Prep	
880-9699-7	SP7	Total/NA	Solid	8015NM Prep	
880-9699-8	SP8	Total/NA	Solid	8015NM Prep	
880-9699-9	SP9	Total/NA	Solid	8015NM Prep	
880-9699-10	SP10	Total/NA	Solid	8015NM Prep	
MB 880-15719/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-15719/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-15719/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-9699-1 MS	SP1	Total/NA	Solid	8015NM Prep	
880-9699-1 MSD	SP1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 15825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9699-1	SP1	Total/NA	Solid	8015B NM	15719
880-9699-2	SP2	Total/NA	Solid	8015B NM	15719
880-9699-3	SP3	Total/NA	Solid	8015B NM	15719
880-9699-4	SP4	Total/NA	Solid	8015B NM	15719
880-9699-5	SP5	Total/NA	Solid	8015B NM	15719
880-9699-6	SP6	Total/NA	Solid	8015B NM	15719
880-9699-7	SP7	Total/NA	Solid	8015B NM	15719
880-9699-8	SP8	Total/NA	Solid	8015B NM	15719
880-9699-9	SP9	Total/NA	Solid	8015B NM	15719
880-9699-10	SP10	Total/NA	Solid	8015B NM	15719
MB 880-15719/1-A	Method Blank	Total/NA	Solid	8015B NM	15719
LCS 880-15719/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	15719
LCSD 880-15719/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	15719
880-9699-1 MS	SP1	Total/NA	Solid	8015B NM	15719
880-9699-1 MSD	SP1	Total/NA	Solid	8015B NM	15719

Analysis Batch: 15912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9699-1	SP1	Total/NA	Solid	8015 NM	
880-9699-2	SP2	Total/NA	Solid	8015 NM	
880-9699-3	SP3	Total/NA	Solid	8015 NM	
880-9699-4	SP4	Total/NA	Solid	8015 NM	
880-9699-5	SP5	Total/NA	Solid	8015 NM	
880-9699-6	SP6	Total/NA	Solid	8015 NM	
880-9699-7	SP7	Total/NA	Solid	8015 NM	
880-9699-8	SP8	Total/NA	Solid	8015 NM	
880-9699-9	SP9	Total/NA	Solid	8015 NM	
880-9699-10	SP10	Total/NA	Solid	8015 NM	

Eurofins Xenco, Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

HPLC/IC

Leach Batch: 15703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9699-1	SP1	Soluble	Solid	DI Leach	
880-9699-2	SP2	Soluble	Solid	DI Leach	
880-9699-3	SP3	Soluble	Solid	DI Leach	
880-9699-4	SP4	Soluble	Solid	DI Leach	
880-9699-5	SP5	Soluble	Solid	DI Leach	
880-9699-6	SP6	Soluble	Solid	DI Leach	
880-9699-7	SP7	Soluble	Solid	DI Leach	
880-9699-8	SP8	Soluble	Solid	DI Leach	
880-9699-9	SP9	Soluble	Solid	DI Leach	
880-9699-10	SP10	Soluble	Solid	DI Leach	
MB 880-15703/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-15703/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-15703/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9699-9 MS	SP9	Soluble	Solid	DI Leach	
880-9699-9 MSD	SP9	Soluble	Solid	DI Leach	

Analysis Batch: 15914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9699-1	SP1	Soluble	Solid	300.0	15703
880-9699-2	SP2	Soluble	Solid	300.0	15703
880-9699-3	SP3	Soluble	Solid	300.0	15703
880-9699-4	SP4	Soluble	Solid	300.0	15703
880-9699-5	SP5	Soluble	Solid	300.0	15703
880-9699-6	SP6	Soluble	Solid	300.0	15703
880-9699-7	SP7	Soluble	Solid	300.0	15703
880-9699-8	SP8	Soluble	Solid	300.0	15703
880-9699-9	SP9	Soluble	Solid	300.0	15703
880-9699-10	SP10	Soluble	Solid	300.0	15703
MB 880-15703/1-A	Method Blank	Soluble	Solid	300.0	15703
LCS 880-15703/2-A	Lab Control Sample	Soluble	Solid	300.0	15703
LCSD 880-15703/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	15703
880-9699-9 MS	SP9	Soluble	Solid	300.0	15703
880-9699-9 MSD	SP9	Soluble	Solid	300.0	15703

Eurofins Xenco, Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Client Sample ID: SP1

Lab Sample ID: 880-9699-1

Date Collected: 12/23/21 00:00

Matrix: Solid

Date Received: 12/27/21 11:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	15693	12/29/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	15714	12/30/21 01:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16004	01/04/22 16:22	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:12	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	15719	12/29/21 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15825	01/01/22 03:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	15703	12/29/21 08:41	CH	XEN MID
Soluble	Analysis	300.0		10			15914	01/03/22 09:20	CH	XEN MID

Client Sample ID: SP2

Lab Sample ID: 880-9699-2

Date Collected: 12/23/21 00:00

Matrix: Solid

Date Received: 12/27/21 11:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	15693	12/29/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	15714	12/30/21 01:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16004	01/04/22 16:22	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:12	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	15719	12/29/21 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		5			15825	01/01/22 08:45	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	15703	12/29/21 08:41	CH	XEN MID
Soluble	Analysis	300.0		5			15914	01/03/22 09:28	CH	XEN MID

Client Sample ID: SP3

Lab Sample ID: 880-9699-3

Date Collected: 12/23/21 00:00

Matrix: Solid

Date Received: 12/27/21 11:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	15693	12/29/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	15714	12/30/21 01:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16004	01/04/22 16:22	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:12	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	15719	12/29/21 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		5			15825	01/01/22 09:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	15703	12/29/21 08:41	CH	XEN MID
Soluble	Analysis	300.0		1			15914	01/03/22 09:36	CH	XEN MID

Client Sample ID: SP4

Lab Sample ID: 880-9699-4

Date Collected: 12/23/21 00:00

Matrix: Solid

Date Received: 12/27/21 11:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	15693	12/29/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	15714	12/30/21 02:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16004	01/04/22 16:22	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Client Sample ID: SP4

Date Collected: 12/23/21 00:00

Date Received: 12/27/21 11:04

Lab Sample ID: 880-9699-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:12	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	15719	12/29/21 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		5			15825	01/01/22 09:26	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	15703	12/29/21 08:41	CH	XEN MID
Soluble	Analysis	300.0		10			15914	01/03/22 09:59	CH	XEN MID

Client Sample ID: SP5

Date Collected: 12/23/21 00:00

Date Received: 12/27/21 11:04

Lab Sample ID: 880-9699-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	15693	12/29/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	15714	12/30/21 02:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16004	01/04/22 16:22	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:12	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	15719	12/29/21 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		5			15825	01/01/22 09:47	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	15703	12/29/21 08:41	CH	XEN MID
Soluble	Analysis	300.0		10			15914	01/03/22 10:07	CH	XEN MID

Client Sample ID: SP6

Date Collected: 12/23/21 00:00

Date Received: 12/27/21 11:04

Lab Sample ID: 880-9699-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	15693	12/29/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	15714	12/30/21 03:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16004	01/04/22 16:22	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:12	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	15719	12/29/21 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		5			15825	01/01/22 10:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	15703	12/29/21 08:41	CH	XEN MID
Soluble	Analysis	300.0		10			15914	01/03/22 10:15	CH	XEN MID

Client Sample ID: SP7

Date Collected: 12/23/21 00:00

Date Received: 12/27/21 11:04

Lab Sample ID: 880-9699-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	15693	12/29/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	15714	12/30/21 05:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16004	01/04/22 16:22	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:12	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	15719	12/29/21 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		5			15825	01/01/22 10:29	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Client Sample ID: SP7

Date Collected: 12/23/21 00:00

Date Received: 12/27/21 11:04

Lab Sample ID: 880-9699-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	15703	12/29/21 08:41	CH	XEN MID
Soluble	Analysis	300.0		10			15914	01/03/22 10:23	CH	XEN MID

Client Sample ID: SP8

Date Collected: 12/23/21 00:00

Date Received: 12/27/21 11:04

Lab Sample ID: 880-9699-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	15693	12/29/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	15714	12/30/21 06:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16004	01/04/22 16:22	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	15719	12/29/21 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		5			15825	01/01/22 10:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	15703	12/29/21 08:41	CH	XEN MID
Soluble	Analysis	300.0		5			15914	01/03/22 10:30	CH	XEN MID

Client Sample ID: SP9

Date Collected: 12/23/21 00:00

Date Received: 12/27/21 11:04

Lab Sample ID: 880-9699-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	15693	12/29/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	15714	12/30/21 06:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16004	01/04/22 16:22	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	15719	12/29/21 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		5			15825	01/01/22 11:10	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	15703	12/29/21 08:41	CH	XEN MID
Soluble	Analysis	300.0		5			15914	01/03/22 10:38	CH	XEN MID

Client Sample ID: SP10

Date Collected: 12/23/21 00:00

Date Received: 12/27/21 11:04

Lab Sample ID: 880-9699-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	15693	12/29/21 08:23	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	15714	12/30/21 10:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			16004	01/04/22 16:22	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	15719	12/29/21 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		5			15825	01/01/22 11:31	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	15703	12/29/21 08:41	CH	XEN MID
Soluble	Analysis	300.0		5			15914	01/03/22 11:02	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Eurofins Xenco, Midland

Method Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Midland

Sample Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9699-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-9699-1	SP1	Solid	12/23/21 00:00	12/27/21 11:04	Surf
880-9699-2	SP2	Solid	12/23/21 00:00	12/27/21 11:04	Surf
880-9699-3	SP3	Solid	12/23/21 00:00	12/27/21 11:04	Surf
880-9699-4	SP4	Solid	12/23/21 00:00	12/27/21 11:04	Surf
880-9699-5	SP5	Solid	12/23/21 00:00	12/27/21 11:04	Surf
880-9699-6	SP6	Solid	12/23/21 00:00	12/27/21 11:04	Surf
880-9699-7	SP7	Solid	12/23/21 00:00	12/27/21 11:04	Surf
880-9699-8	SP8	Solid	12/23/21 00:00	12/27/21 11:04	Surf
880-9699-9	SP9	Solid	12/23/21 00:00	12/27/21 11:04	Surf
880-9699-10	SP10	Solid	12/23/21 00:00	12/27/21 11:04	Surf



Eurofins
X-100

Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199



880-9699 Chain of Custody

www.xenco.com

Page

of

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Livingston, NM 88260	City, State ZIP	Midland TX 79702
Phone	575 393-3386	Email	arickard@cambrannmgt.com and pm@hungry-horse.com

Work Order Comments Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐ State of Project: _____ Reporting Level I ☐ Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐ Deliverables EDD ☐ ADAPT ☐ Other: _____	

Project Name	ARU #16	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
		☒ Routine	☐ Rush															
Project Location		Due Date			TAT starts the day received by the lab if received by 4:30pm												None NO	
Sampler's Name																	DI Water H ₂ O	
PO #																	Cool Cool	
SAMPLE RECEIPT	Temp Blank	Yes	No	Wet Ice	(Yes) No													HCL HC
	Samples Received Intact	Yes	No	Thermometer ID	10													H ₂ SO ₄ H ₂
	Cooler Custody Seals	Yes	No	Correction Factor	1.10													H ₃ PO ₄ HP
	Sample Custody Seals	Yes	No	Temperature Reading	19.4													NaHSO ₄ NABIS
Total Containers		Corrected Temperature	19.5													Na ₂ S ₂ O ₃ NaSO ₃		
																Zn Acetate+NaOH Zn		
																NaOH+Ascorbic Acid SAPC		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	CHLORIDE												BTEX	TPH	Sample Comments
SP1	Soil	12/23/21		Surf	G	1	X	X	X	X	X	X	X	X	X	X					
SP2	Soil	12/23/21		Surf	G	1	X	X	X	X	X	X	X	X	X	X					
SP3	Soil	12/23/21		Surf	G	1	X	X	X	X	X	X	X	X	X	X					
SP4	Soil	12/23/21		Surf	G	1	X	X	X	X	X	X	X	X	X	X					
SP5	Soil	12/23/21		Surf	G	1	X	X	X	X	X	X	X	X	X	X					
SP6	Soil	12/23/21		Surf	G	1	X	X	X	X	X	X	X	X	X	X					
SP7	Soil	12/23/21		Surf	G	1	X	X	X	X	X	X	X	X	X	X					
SP8	Soil	12/23/21		Surf	G	1	X	X	X	X	X	X	X	X	X	X					
SP9	Soil	12/23/21		Surf	G	1	X	X	X	X	X	X	X	X	X	X					
SP10	Soil	12/23/21		Surf	G	1	X	X	X	X	X	X	X	X	X	X					

Total 200.7 / 6010 200.8 / 6020:

Circle Method(s) and Metal(s) to be analyzed: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	11/2/21	<i>[Signature]</i>	<i>[Signature]</i>	12/17/21 11:00
<i>[Signature]</i>	<i>[Signature]</i>	12/17/21 11:00	<i>[Signature]</i>	<i>[Signature]</i>	

Login Sample Receipt Checklist

Client: Hungry Horse LLC

Job Number: 880-9699-1

Login Number: 9699

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Xenco, Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	received 4 days after it was sampled
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-9793-1
Client Project/Site: APU #16

For:

Hungry Horse LLC
PO BOX 1058
Hobbs, New Mexico 88241

Attn: Daniel Dominguez

A handwritten signature in black ink that reads "Holly Taylor".

Authorized for release by:
1/10/2022 2:16:06 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Hungry Horse LLC
Project/Site: APU #16

Laboratory Job ID: 880-9793-1

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	13
QC Sample Results	15
QC Association Summary	21
Lab Chronicle	24
Certification Summary	28
Method Summary	29
Sample Summary	30
Chain of Custody	31
Receipt Checklists	32

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Job ID: 880-9793-1**Laboratory: Eurofins Xenco****Narrative****Job Narrative
880-9793-1****Receipt**

The samples were received on 1/4/2022 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.7°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SP10 (880-9793-10). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Client Sample ID: SP1

Lab Sample ID: 880-9793-1

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/04/22 12:00	01/04/22 12:31	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/04/22 12:00	01/04/22 12:31	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/04/22 12:00	01/04/22 12:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/04/22 12:00	01/04/22 12:31	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/04/22 12:00	01/04/22 12:31	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/04/22 12:00	01/04/22 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	01/04/22 12:00	01/04/22 12:31	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/04/22 12:00	01/04/22 12:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/10/22 11:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/06/22 12:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/04/22 16:39	01/05/22 12:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/04/22 16:39	01/05/22 12:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/04/22 16:39	01/05/22 12:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	01/04/22 16:39	01/05/22 12:52	1
o-Terphenyl	101		70 - 130	01/04/22 16:39	01/05/22 12:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	292		4.95	mg/Kg			01/05/22 21:55	1

Client Sample ID: SP2

Lab Sample ID: 880-9793-2

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/04/22 12:00	01/04/22 12:52	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/04/22 12:00	01/04/22 12:52	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/04/22 12:00	01/04/22 12:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/04/22 12:00	01/04/22 12:52	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/04/22 12:00	01/04/22 12:52	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/04/22 12:00	01/04/22 12:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	01/04/22 12:00	01/04/22 12:52	1

Eurofins Xenco

Client Sample Results

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Client Sample ID: SP2

Lab Sample ID: 880-9793-2

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	01/04/22 12:00	01/04/22 12:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/10/22 11:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/06/22 12:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/04/22 16:39	01/05/22 13:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/04/22 16:39	01/05/22 13:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/04/22 16:39	01/05/22 13:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130			01/04/22 16:39	01/05/22 13:53	1
o-Terphenyl	98		70 - 130			01/04/22 16:39	01/05/22 13:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	262		5.02	mg/Kg			01/05/22 22:03	1

Client Sample ID: SP3

Lab Sample ID: 880-9793-3

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/04/22 12:00	01/04/22 13:12	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/04/22 12:00	01/04/22 13:12	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/04/22 12:00	01/04/22 13:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/04/22 12:00	01/04/22 13:12	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/04/22 12:00	01/04/22 13:12	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/04/22 12:00	01/04/22 13:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	01/04/22 12:00	01/04/22 13:12	1
1,4-Difluorobenzene (Surr)	110		70 - 130	01/04/22 12:00	01/04/22 13:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/10/22 11:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/06/22 12:41	1

Eurofins Xenco

Client Sample Results

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Client Sample ID: SP3

Lab Sample ID: 880-9793-3

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Sample Depth: 2'

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/04/22 16:39	01/05/22 14:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/04/22 16:39	01/05/22 14:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/04/22 16:39	01/05/22 14:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			01/04/22 16:39	01/05/22 14:13	1
o-Terphenyl	92		70 - 130			01/04/22 16:39	01/05/22 14:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	257		4.98	mg/Kg			01/05/22 22:11	1

Client Sample ID: SP4

Lab Sample ID: 880-9793-4

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/04/22 12:00	01/04/22 13:32	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/04/22 12:00	01/04/22 13:32	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/04/22 12:00	01/04/22 13:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/04/22 12:00	01/04/22 13:32	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/04/22 12:00	01/04/22 13:32	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/04/22 12:00	01/04/22 13:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130			01/04/22 12:00	01/04/22 13:32	1
1,4-Difluorobenzene (Surr)	109		70 - 130			01/04/22 12:00	01/04/22 13:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/10/22 11:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/06/22 12:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/04/22 16:39	01/05/22 14:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/04/22 16:39	01/05/22 14:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/04/22 16:39	01/05/22 14:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130			01/04/22 16:39	01/05/22 14:34	1
o-Terphenyl	103		70 - 130			01/04/22 16:39	01/05/22 14:34	1

Eurofins Xenco

Client Sample Results

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Client Sample ID: SP4

Lab Sample ID: 880-9793-4

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Sample Depth: 2'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	285		4.96	mg/Kg			01/05/22 23:20	1

Client Sample ID: SP5

Lab Sample ID: 880-9793-5

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/04/22 12:00	01/04/22 13:53	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/04/22 12:00	01/04/22 13:53	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/04/22 12:00	01/04/22 13:53	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		01/04/22 12:00	01/04/22 13:53	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/04/22 12:00	01/04/22 13:53	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		01/04/22 12:00	01/04/22 13:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130			01/04/22 12:00	01/04/22 13:53	1
1,4-Difluorobenzene (Surr)	85		70 - 130			01/04/22 12:00	01/04/22 13:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			01/10/22 11:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/06/22 12:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/04/22 16:39	01/05/22 14:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/04/22 16:39	01/05/22 14:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/04/22 16:39	01/05/22 14:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130			01/04/22 16:39	01/05/22 14:54	1
o-Terphenyl	92		70 - 130			01/04/22 16:39	01/05/22 14:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	324		5.05	mg/Kg			01/05/22 23:28	1

Eurofins Xenco

Client Sample Results

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Client Sample ID: SP6

Lab Sample ID: 880-9793-6

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/04/22 12:00	01/04/22 14:13	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/04/22 12:00	01/04/22 14:13	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/04/22 12:00	01/04/22 14:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/04/22 12:00	01/04/22 14:13	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/04/22 12:00	01/04/22 14:13	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/04/22 12:00	01/04/22 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	01/04/22 12:00	01/04/22 14:13	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/04/22 12:00	01/04/22 14:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/10/22 11:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/06/22 12:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/04/22 16:39	01/05/22 15:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/04/22 16:39	01/05/22 15:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/04/22 16:39	01/05/22 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	01/04/22 16:39	01/05/22 15:15	1
o-Terphenyl	86		70 - 130	01/04/22 16:39	01/05/22 15:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	287		5.02	mg/Kg			01/05/22 23:35	1

Client Sample ID: SP7

Lab Sample ID: 880-9793-7

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/04/22 12:00	01/04/22 14:34	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/04/22 12:00	01/04/22 14:34	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/04/22 12:00	01/04/22 14:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/04/22 12:00	01/04/22 14:34	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/04/22 12:00	01/04/22 14:34	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/04/22 12:00	01/04/22 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	01/04/22 12:00	01/04/22 14:34	1

Eurofins Xenco

Client Sample Results

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Client Sample ID: SP7

Lab Sample ID: 880-9793-7

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	85		70 - 130	01/04/22 12:00	01/04/22 14:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/10/22 11:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/10/22 12:40	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/04/22 11:00	01/04/22 18:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/04/22 11:00	01/04/22 18:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/04/22 11:00	01/04/22 18:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130			01/04/22 11:00	01/04/22 18:32	1
o-Terphenyl	121		70 - 130			01/04/22 11:00	01/04/22 18:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	198		5.00	mg/Kg			01/05/22 23:43	1

Client Sample ID: SP8

Lab Sample ID: 880-9793-8

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/04/22 12:00	01/04/22 15:55	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/04/22 12:00	01/04/22 15:55	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/04/22 12:00	01/04/22 15:55	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/04/22 12:00	01/04/22 15:55	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/04/22 12:00	01/04/22 15:55	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/04/22 12:00	01/04/22 15:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	01/04/22 12:00	01/04/22 15:55	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/04/22 12:00	01/04/22 15:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/10/22 11:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/10/22 12:40	1

Eurofins Xenco

Client Sample Results

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Client Sample ID: SP8

Lab Sample ID: 880-9793-8

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Sample Depth: 2'

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/04/22 11:00	01/04/22 18:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/04/22 11:00	01/04/22 18:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/04/22 11:00	01/04/22 18:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130			01/04/22 11:00	01/04/22 18:52	1
o-Terphenyl	127		70 - 130			01/04/22 11:00	01/04/22 18:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	344		5.03	mg/Kg			01/05/22 23:51	1

Client Sample ID: SP9

Lab Sample ID: 880-9793-9

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/04/22 12:00	01/04/22 16:16	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/04/22 12:00	01/04/22 16:16	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/04/22 12:00	01/04/22 16:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/04/22 12:00	01/04/22 16:16	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/04/22 12:00	01/04/22 16:16	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/04/22 12:00	01/04/22 16:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130			01/04/22 12:00	01/04/22 16:16	1
1,4-Difluorobenzene (Surr)	93		70 - 130			01/04/22 12:00	01/04/22 16:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/10/22 11:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/10/22 12:40	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/04/22 11:00	01/04/22 19:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/04/22 11:00	01/04/22 19:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/04/22 11:00	01/04/22 19:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130			01/04/22 11:00	01/04/22 19:13	1
o-Terphenyl	118		70 - 130			01/04/22 11:00	01/04/22 19:13	1

Eurofins Xenco

Client Sample Results

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Client Sample ID: SP9

Lab Sample ID: 880-9793-9

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Sample Depth: 2'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.6		4.95	mg/Kg			01/05/22 23:59	1

Client Sample ID: SP10

Lab Sample ID: 880-9793-10

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Sample Depth: 2'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/04/22 12:00	01/04/22 16:36	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/04/22 12:00	01/04/22 16:36	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/04/22 12:00	01/04/22 16:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/04/22 12:00	01/04/22 16:36	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/04/22 12:00	01/04/22 16:36	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/04/22 12:00	01/04/22 16:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130			01/04/22 12:00	01/04/22 16:36	1
1,4-Difluorobenzene (Surr)	72		70 - 130			01/04/22 12:00	01/04/22 16:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/10/22 11:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/06/22 12:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/04/22 11:00	01/04/22 19:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/04/22 11:00	01/04/22 19:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/04/22 11:00	01/04/22 19:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130			01/04/22 11:00	01/04/22 19:33	1
o-Terphenyl	133	S1+	70 - 130			01/04/22 11:00	01/04/22 19:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		5.04	mg/Kg			01/06/22 00:23	1

Eurofins Xenco

Surrogate Summary

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-9793-1	SP1	138 S1+	102
880-9793-2	SP2	120	102
880-9793-3	SP3	119	110
880-9793-4	SP4	126	109
880-9793-5	SP5	128	85
880-9793-6	SP6	116	92
880-9793-7	SP7	126	85
880-9793-8	SP8	124	111
880-9793-9	SP9	144 S1+	93
880-9793-10	SP10	135 S1+	72
890-1784-A-1-G MS	Matrix Spike	122	122
890-1784-A-1-H MSD	Matrix Spike Duplicate	111	99
LCS 880-15927/1-A	Lab Control Sample	129	127
LCSD 880-15927/2-A	Lab Control Sample Dup	121	86
MB 880-15927/5-A	Method Blank	98	100
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-9776-A-1-F MS	Matrix Spike	108	107
880-9776-A-1-G MSD	Matrix Spike Duplicate	104	108
880-9793-1	SP1	99	101
880-9793-1 MS	SP1	95	82
880-9793-1 MSD	SP1	97	97
880-9793-2	SP2	98	98
880-9793-3	SP3	97	92
880-9793-4	SP4	104	103
880-9793-5	SP5	96	92
880-9793-6	SP6	94	86
880-9793-7	SP7	123	121
880-9793-8	SP8	129	127
880-9793-9	SP9	117	118
880-9793-10	SP10	135 S1+	133 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Xenco

Surrogate Summary

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO2 (70-130)	OTPH2 (70-130)
LCS 880-15946/2-A	Lab Control Sample	94	93
LCS 880-16017/2-A	Lab Control Sample	83	84
LCSD 880-15946/3-A	Lab Control Sample Dup	98	92
LCSD 880-16017/3-A	Lab Control Sample Dup	93	87
MB 880-15946/1-A	Method Blank	110	118
MB 880-16017/1-A	Method Blank	93	93
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-15927/5-A

Matrix: Solid

Analysis Batch: 15941

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15927

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/03/22 16:00	01/04/22 11:01	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/03/22 16:00	01/04/22 11:01	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/03/22 16:00	01/04/22 11:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/03/22 16:00	01/04/22 11:01	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/03/22 16:00	01/04/22 11:01	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/03/22 16:00	01/04/22 11:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	01/03/22 16:00	01/04/22 11:01	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/03/22 16:00	01/04/22 11:01	1

Lab Sample ID: LCS 880-15927/1-A

Matrix: Solid

Analysis Batch: 15941

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15927

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08248		mg/Kg		82	70 - 130
Toluene	0.100	0.08100		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.08558		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1666		mg/Kg		83	70 - 130
o-Xylene	0.100	0.08934		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	127		70 - 130

Lab Sample ID: LCSD 880-15927/2-A

Matrix: Solid

Analysis Batch: 15941

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15927

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.07244		mg/Kg		72	70 - 130	13	35
Toluene	0.100	0.07742		mg/Kg		77	70 - 130	5	35
Ethylbenzene	0.100	0.08428		mg/Kg		84	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1776		mg/Kg		89	70 - 130	6	35
o-Xylene	0.100	0.08900		mg/Kg		89	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: 890-1784-A-1-G MS

Matrix: Solid

Analysis Batch: 15941

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 15927

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.00857	F1	0.100	0.07782	F1	mg/Kg		69	70 - 130
Toluene	0.0327	F1	0.100	0.07480	F1	mg/Kg		42	70 - 130

Eurofins Xenco

QC Sample Results

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-1784-A-1-G MS

Matrix: Solid

Analysis Batch: 15941

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 15927

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.00531		0.100	0.08134		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	0.00905		0.201	0.1662		mg/Kg		78	70 - 130
o-Xylene	0.00330		0.100	0.08427		mg/Kg		81	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	122		70 - 130

Lab Sample ID: 890-1784-A-1-H MSD

Matrix: Solid

Analysis Batch: 15941

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 15927

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.00857	F1	0.0998	0.07286	F1	mg/Kg		64	70 - 130	7	35
Toluene	0.0327	F1	0.0998	0.07303	F1	mg/Kg		40	70 - 130	2	35
Ethylbenzene	0.00531		0.0998	0.07956		mg/Kg		74	70 - 130	2	35
m-Xylene & p-Xylene	0.00905		0.200	0.1649		mg/Kg		78	70 - 130	1	35
o-Xylene	0.00330		0.0998	0.08450		mg/Kg		81	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-15946/1-A

Matrix: Solid

Analysis Batch: 15965

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15946

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/04/22 08:34	01/04/22 10:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/04/22 08:34	01/04/22 10:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/04/22 08:34	01/04/22 10:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	01/04/22 08:34	01/04/22 10:57	1
o-Terphenyl	118		70 - 130	01/04/22 08:34	01/04/22 10:57	1

Lab Sample ID: LCS 880-15946/2-A

Matrix: Solid

Analysis Batch: 15965

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15946

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	884.9		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	1000	902.4		mg/Kg		90	70 - 130

Eurofins Xenco

QC Sample Results

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-15946/2-A

Matrix: Solid

Analysis Batch: 15965

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15946

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: LCSD 880-15946/3-A

Matrix: Solid

Analysis Batch: 15965

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15946

	Spike	LCSD	LCSD						%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit		
Gasoline Range Organics (GRO)-C6-C10	1000	893.6		mg/Kg		89	70 - 130	1	20		
Diesel Range Organics (Over C10-C28)	1000	858.4		mg/Kg		86	70 - 130	5	20		

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: 880-9776-A-1-F MS

Matrix: Solid

Analysis Batch: 15965

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 15946

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	987.8		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	998.3		mg/Kg		100	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	107		70 - 130

Lab Sample ID: 880-9776-A-1-G MSD

Matrix: Solid

Analysis Batch: 15965

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 15946

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	984.4		mg/Kg		97	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1018		mg/Kg		102	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	108		70 - 130

Eurofins Xenco

QC Sample Results

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-16017/1-A

Matrix: Solid

Analysis Batch: 16025

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16017

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/04/22 16:39	01/05/22 11:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/04/22 16:39	01/05/22 11:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/04/22 16:39	01/05/22 11:51	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			01/04/22 16:39	01/05/22 11:51	1
o-Terphenyl	93		70 - 130			01/04/22 16:39	01/05/22 11:51	1

Lab Sample ID: LCS 880-16017/2-A

Matrix: Solid

Analysis Batch: 16025

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	870.6		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	815.1		mg/Kg		82	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	83		70 - 130				
o-Terphenyl	84		70 - 130				

Lab Sample ID: LCSD 880-16017/3-A

Matrix: Solid

Analysis Batch: 16025

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16017

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	892.4		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	822.4		mg/Kg		82	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	93		70 - 130						
o-Terphenyl	87		70 - 130						

Lab Sample ID: 880-9793-1 MS

Matrix: Solid

Analysis Batch: 16025

Client Sample ID: SP1

Prep Type: Total/NA

Prep Batch: 16017

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	961.0		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	851.5		mg/Kg		85	70 - 130

Eurofins Xenco

QC Sample Results

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-9793-1 MS

Matrix: Solid

Analysis Batch: 16025

Client Sample ID: SP1

Prep Type: Total/NA

Prep Batch: 16017

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	82		70 - 130

Lab Sample ID: 880-9793-1 MSD

Matrix: Solid

Analysis Batch: 16025

Client Sample ID: SP1

Prep Type: Total/NA

Prep Batch: 16017

	Sample	Sample	Spike	MSD	MSD				%Rec.	RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	976.0		mg/Kg		98	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	909.7		mg/Kg		91	70 - 130	7	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	97		70 - 130								
o-Terphenyl	97		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-15959/1-A

Matrix: Solid

Analysis Batch: 16111

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	<5.00	U	5.00	mg/Kg			01/05/22 21:00	1		

Lab Sample ID: LCS 880-15959/2-A

Matrix: Solid

Analysis Batch: 16111

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS				%Rec.		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	250	246.0		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-15959/3-A

Matrix: Solid

Analysis Batch: 16111

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

	Spike	LCSD	LCSD				%Rec.	RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	246.1		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-9793-9 MS

Matrix: Solid

Analysis Batch: 16111

Client Sample ID: SP9

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	36.6		248	288.7		mg/Kg		102	90 - 110	

Eurofins Xenco

QC Sample Results

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-9793-9 MSD							Client Sample ID: SP9					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 16111												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit	
Chloride	36.6		248	285.9		mg/Kg		101	90 - 110	1	20	

QC Association Summary

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

GC VOA

Prep Batch: 15927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9793-1	SP1	Total/NA	Solid	5035	
880-9793-2	SP2	Total/NA	Solid	5035	
880-9793-3	SP3	Total/NA	Solid	5035	
880-9793-4	SP4	Total/NA	Solid	5035	
880-9793-5	SP5	Total/NA	Solid	5035	
880-9793-6	SP6	Total/NA	Solid	5035	
880-9793-7	SP7	Total/NA	Solid	5035	
880-9793-8	SP8	Total/NA	Solid	5035	
880-9793-9	SP9	Total/NA	Solid	5035	
880-9793-10	SP10	Total/NA	Solid	5035	
MB 880-15927/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-15927/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-15927/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1784-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
890-1784-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 15941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9793-1	SP1	Total/NA	Solid	8021B	15927
880-9793-2	SP2	Total/NA	Solid	8021B	15927
880-9793-3	SP3	Total/NA	Solid	8021B	15927
880-9793-4	SP4	Total/NA	Solid	8021B	15927
880-9793-5	SP5	Total/NA	Solid	8021B	15927
880-9793-6	SP6	Total/NA	Solid	8021B	15927
880-9793-7	SP7	Total/NA	Solid	8021B	15927
880-9793-8	SP8	Total/NA	Solid	8021B	15927
880-9793-9	SP9	Total/NA	Solid	8021B	15927
880-9793-10	SP10	Total/NA	Solid	8021B	15927
MB 880-15927/5-A	Method Blank	Total/NA	Solid	8021B	15927
LCS 880-15927/1-A	Lab Control Sample	Total/NA	Solid	8021B	15927
LCSD 880-15927/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	15927
890-1784-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	15927
890-1784-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	15927

Analysis Batch: 16426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9793-1	SP1	Total/NA	Solid	Total BTEX	
880-9793-2	SP2	Total/NA	Solid	Total BTEX	
880-9793-3	SP3	Total/NA	Solid	Total BTEX	
880-9793-4	SP4	Total/NA	Solid	Total BTEX	
880-9793-5	SP5	Total/NA	Solid	Total BTEX	
880-9793-6	SP6	Total/NA	Solid	Total BTEX	
880-9793-7	SP7	Total/NA	Solid	Total BTEX	
880-9793-8	SP8	Total/NA	Solid	Total BTEX	
880-9793-9	SP9	Total/NA	Solid	Total BTEX	
880-9793-10	SP10	Total/NA	Solid	Total BTEX	

Eurofins Xenco

QC Association Summary

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

GC Semi VOA

Prep Batch: 15946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9793-7	SP7	Total/NA	Solid	8015NM Prep	
880-9793-8	SP8	Total/NA	Solid	8015NM Prep	
880-9793-9	SP9	Total/NA	Solid	8015NM Prep	
880-9793-10	SP10	Total/NA	Solid	8015NM Prep	
MB 880-15946/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-15946/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-15946/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-9776-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-9776-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 15965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9793-7	SP7	Total/NA	Solid	8015B NM	15946
880-9793-8	SP8	Total/NA	Solid	8015B NM	15946
880-9793-9	SP9	Total/NA	Solid	8015B NM	15946
880-9793-10	SP10	Total/NA	Solid	8015B NM	15946
MB 880-15946/1-A	Method Blank	Total/NA	Solid	8015B NM	15946
LCS 880-15946/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	15946
LCSD 880-15946/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	15946
880-9776-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	15946
880-9776-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	15946

Prep Batch: 16017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9793-1	SP1	Total/NA	Solid	8015NM Prep	
880-9793-2	SP2	Total/NA	Solid	8015NM Prep	
880-9793-3	SP3	Total/NA	Solid	8015NM Prep	
880-9793-4	SP4	Total/NA	Solid	8015NM Prep	
880-9793-5	SP5	Total/NA	Solid	8015NM Prep	
880-9793-6	SP6	Total/NA	Solid	8015NM Prep	
MB 880-16017/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16017/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16017/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-9793-1 MS	SP1	Total/NA	Solid	8015NM Prep	
880-9793-1 MSD	SP1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 16025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9793-1	SP1	Total/NA	Solid	8015B NM	16017
880-9793-2	SP2	Total/NA	Solid	8015B NM	16017
880-9793-3	SP3	Total/NA	Solid	8015B NM	16017
880-9793-4	SP4	Total/NA	Solid	8015B NM	16017
880-9793-5	SP5	Total/NA	Solid	8015B NM	16017
880-9793-6	SP6	Total/NA	Solid	8015B NM	16017
MB 880-16017/1-A	Method Blank	Total/NA	Solid	8015B NM	16017
LCS 880-16017/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16017
LCSD 880-16017/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16017
880-9793-1 MS	SP1	Total/NA	Solid	8015B NM	16017
880-9793-1 MSD	SP1	Total/NA	Solid	8015B NM	16017

Eurofins Xenco

QC Association Summary

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

GC Semi VOA

Analysis Batch: 16141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9793-1	SP1	Total/NA	Solid	8015 NM	
880-9793-2	SP2	Total/NA	Solid	8015 NM	
880-9793-3	SP3	Total/NA	Solid	8015 NM	
880-9793-4	SP4	Total/NA	Solid	8015 NM	
880-9793-5	SP5	Total/NA	Solid	8015 NM	
880-9793-6	SP6	Total/NA	Solid	8015 NM	
880-9793-10	SP10	Total/NA	Solid	8015 NM	

Analysis Batch: 16428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9793-7	SP7	Total/NA	Solid	8015 NM	
880-9793-8	SP8	Total/NA	Solid	8015 NM	
880-9793-9	SP9	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 15959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9793-1	SP1	Soluble	Solid	DI Leach	
880-9793-2	SP2	Soluble	Solid	DI Leach	
880-9793-3	SP3	Soluble	Solid	DI Leach	
880-9793-4	SP4	Soluble	Solid	DI Leach	
880-9793-5	SP5	Soluble	Solid	DI Leach	
880-9793-6	SP6	Soluble	Solid	DI Leach	
880-9793-7	SP7	Soluble	Solid	DI Leach	
880-9793-8	SP8	Soluble	Solid	DI Leach	
880-9793-9	SP9	Soluble	Solid	DI Leach	
880-9793-10	SP10	Soluble	Solid	DI Leach	
MB 880-15959/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-15959/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-15959/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9793-9 MS	SP9	Soluble	Solid	DI Leach	
880-9793-9 MSD	SP9	Soluble	Solid	DI Leach	

Analysis Batch: 16111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9793-1	SP1	Soluble	Solid	300.0	15959
880-9793-2	SP2	Soluble	Solid	300.0	15959
880-9793-3	SP3	Soluble	Solid	300.0	15959
880-9793-4	SP4	Soluble	Solid	300.0	15959
880-9793-5	SP5	Soluble	Solid	300.0	15959
880-9793-6	SP6	Soluble	Solid	300.0	15959
880-9793-7	SP7	Soluble	Solid	300.0	15959
880-9793-8	SP8	Soluble	Solid	300.0	15959
880-9793-9	SP9	Soluble	Solid	300.0	15959
880-9793-10	SP10	Soluble	Solid	300.0	15959
MB 880-15959/1-A	Method Blank	Soluble	Solid	300.0	15959
LCS 880-15959/2-A	Lab Control Sample	Soluble	Solid	300.0	15959
LCSD 880-15959/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	15959
880-9793-9 MS	SP9	Soluble	Solid	300.0	15959
880-9793-9 MSD	SP9	Soluble	Solid	300.0	15959

Eurofins Xenco

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Client Sample ID: SP1

Lab Sample ID: 880-9793-1

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	15927	01/04/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15941	01/04/22 12:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16426	01/10/22 11:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16141	01/06/22 12:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16017	01/04/22 16:39	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16025	01/05/22 12:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	15959	01/05/22 08:48	CA	XEN MID
Soluble	Analysis	300.0		1			16111	01/05/22 21:55	CH	XEN MID

Client Sample ID: SP2

Lab Sample ID: 880-9793-2

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	15927	01/04/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15941	01/04/22 12:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16426	01/10/22 11:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16141	01/06/22 12:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16017	01/04/22 16:39	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16025	01/05/22 13:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	15959	01/05/22 08:48	CA	XEN MID
Soluble	Analysis	300.0		1			16111	01/05/22 22:03	CH	XEN MID

Client Sample ID: SP3

Lab Sample ID: 880-9793-3

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	15927	01/04/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15941	01/04/22 13:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16426	01/10/22 11:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16141	01/06/22 12:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16017	01/04/22 16:39	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16025	01/05/22 14:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	15959	01/05/22 08:48	CA	XEN MID
Soluble	Analysis	300.0		1			16111	01/05/22 22:11	CH	XEN MID

Client Sample ID: SP4

Lab Sample ID: 880-9793-4

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	15927	01/04/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15941	01/04/22 13:32	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16426	01/10/22 11:51	AJ	XEN MID

Eurofins Xenco

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Client Sample ID: SP4

Lab Sample ID: 880-9793-4

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			16141	01/06/22 12:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16017	01/04/22 16:39	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16025	01/05/22 14:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	15959	01/05/22 08:48	CA	XEN MID
Soluble	Analysis	300.0		1			16111	01/05/22 23:20	CH	XEN MID

Client Sample ID: SP5

Lab Sample ID: 880-9793-5

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	15927	01/04/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15941	01/04/22 13:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16426	01/10/22 11:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16141	01/06/22 12:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16017	01/04/22 16:39	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16025	01/05/22 14:54	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	15959	01/05/22 08:48	CA	XEN MID
Soluble	Analysis	300.0		1			16111	01/05/22 23:28	CH	XEN MID

Client Sample ID: SP6

Lab Sample ID: 880-9793-6

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	15927	01/04/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15941	01/04/22 14:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16426	01/10/22 11:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16141	01/06/22 12:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16017	01/04/22 16:39	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16025	01/05/22 15:15	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	15959	01/05/22 08:48	CA	XEN MID
Soluble	Analysis	300.0		1			16111	01/05/22 23:35	CH	XEN MID

Client Sample ID: SP7

Lab Sample ID: 880-9793-7

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	15927	01/04/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15941	01/04/22 14:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16426	01/10/22 11:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16428	01/10/22 12:40	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	15946	01/04/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15965	01/04/22 18:32	AJ	XEN MID

Eurofins Xenco

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Client Sample ID: SP7

Lab Sample ID: 880-9793-7

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	15959	01/05/22 08:48	CA	XEN MID
Soluble	Analysis	300.0		1			16111	01/05/22 23:43	CH	XEN MID

Client Sample ID: SP8

Lab Sample ID: 880-9793-8

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	15927	01/04/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15941	01/04/22 15:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16426	01/10/22 11:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16428	01/10/22 12:40	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	15946	01/04/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15965	01/04/22 18:52	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	15959	01/05/22 08:48	CA	XEN MID
Soluble	Analysis	300.0		1			16111	01/05/22 23:51	CH	XEN MID

Client Sample ID: SP9

Lab Sample ID: 880-9793-9

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	15927	01/04/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15941	01/04/22 16:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16426	01/10/22 11:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16428	01/10/22 12:40	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	15946	01/04/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15965	01/04/22 19:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	15959	01/05/22 08:48	CA	XEN MID
Soluble	Analysis	300.0		1			16111	01/05/22 23:59	CH	XEN MID

Client Sample ID: SP10

Lab Sample ID: 880-9793-10

Date Collected: 01/03/22 00:00

Matrix: Solid

Date Received: 01/04/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	15927	01/04/22 12:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15941	01/04/22 16:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16426	01/10/22 11:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16141	01/06/22 12:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	15946	01/04/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15965	01/04/22 19:33	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	15959	01/05/22 08:48	CA	XEN MID
Soluble	Analysis	300.0		1			16111	01/06/22 00:23	CH	XEN MID

Eurofins Xenco

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Laboratory References:

XEN MID = Eurofins Xenco, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Laboratory: Eurofins Xenco

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Xenco, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco

Sample Summary

Client: Hungry Horse LLC
Project/Site: APU #16

Job ID: 880-9793-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-9793-1	SP1	Solid	01/03/22 00:00	01/04/22 11:00	2'
880-9793-2	SP2	Solid	01/03/22 00:00	01/04/22 11:00	2'
880-9793-3	SP3	Solid	01/03/22 00:00	01/04/22 11:00	2'
880-9793-4	SP4	Solid	01/03/22 00:00	01/04/22 11:00	2'
880-9793-5	SP5	Solid	01/03/22 00:00	01/04/22 11:00	2'
880-9793-6	SP6	Solid	01/03/22 00:00	01/04/22 11:00	2'
880-9793-7	SP7	Solid	01/03/22 00:00	01/04/22 11:00	2'
880-9793-8	SP8	Solid	01/03/22 00:00	01/04/22 11:00	2'
880-9793-9	SP9	Solid	01/03/22 00:00	01/04/22 11:00	2'
880-9793-10	SP10	Solid	01/03/22 00:00	01/04/22 11:00	2'



Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199



880-9793 Chain of Custody

Chain of Custody

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Lovington NM 88260	City, State ZIP	Midland TX 79702
Phone	575 393-3386	Email	arickard@cambriongmt.com and pm@hungry-horse.com

Work Order Comments Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐ State of Project: _____ Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐ Deliverables EDD ☐ ADAPT ☐ Other _____	

Project Name	ARU #16	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes															
Project Number		☒ Routine ☐ Rush														None NO DI Water H ₂ O Cool Cool MeOH Me HCL HC HNO ₃ HN H ₂ SO ₄ H ₂ NaOH Na H ₃ PO ₄ HP NaHSO ₄ NABIS Na ₂ S ₂ O ₃ NaSO ₃ Zn Acetate+NaOH Zn NaOH+Ascorbic Acid SAPC															
Project Location	Bradley Wells	Due Date																													
Sampler's Name		TAT starts the day received by the lab if received by 4:30pm																													
PO #																															
SAMPLE RECEIPT				Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐																								
Samples Received Intact:				Yes ☒ No ☐	Thermometer ID	IPB																									
Cooler Custody Seals				Yes ☒ No ☐	Correction Factor	.10																									
Sample Custody Seals				Yes ☒ No ☐	Temperature Reading	46																									
Total Containers				Corrected Temperature:		47																									

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	CHL	BTEX	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

Total 200.7 / 6010 200.8 / 6020:

Circle Method(s) and Metal(s) to be analyzed: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SIO₂ Na Sr Ti Sn U V Zn
TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag TI U Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>[Signature]</i>	Brittany Fox	1-3-22 8:25	2 <i>[Signature]</i>	Brittany Fox	1-4-22 11:00
3 <i>[Signature]</i>			4		
5			6		

Login Sample Receipt Checklist

Client: Hungry Horse LLC

Job Number: 880-9793-1

Login Number: 9793

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Xenco

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-9952-1
Client Project/Site: ARU #16

For:

Hungry Horse LLC
PO BOX 1058
Hobbs, New Mexico 88241

Attn: Lindsey Nevels

A handwritten signature in black ink that reads "Holly Taylor".

Authorized for release by:
1/14/2022 3:36:30 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Hungry Horse LLC
Project/Site: ARU #16

Laboratory Job ID: 880-9952-1

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	21
QC Sample Results	23
QC Association Summary	28
Lab Chronicle	33
Certification Summary	40
Method Summary	41
Sample Summary	42
Chain of Custody	43
Receipt Checklists	45

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Midland

Case Narrative

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Job ID: 880-9952-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-9952-1****Comments**

No additional comments.

Receipt

The samples were received on 1/7/2022 12:48 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3° C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-16262 and analytical batch 880-16263 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-16316 and analytical batch 880-16339 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: HZ1 (880-9952-2), HZ2 (880-9952-3), HZ2 (880-9952-4), HZ3 (880-9952-5), HZ3 (880-9952-6), HZ4 (880-9952-7), HZ4 (880-9952-8), HZ5 (880-9952-9), HZ5 (880-9952-10), HZ6 (880-9952-11), HZ7 (880-9952-13), HZ7 (880-9952-14), HZ8 (880-9952-15), HZ8 (880-9952-16), HZ9 (880-9952-17), HZ9 (880-9952-18), HZ10 (880-9952-19), HZ10 (880-9952-20), (MB 880-16316/1-A), (880-9952-A-1-H MS) and (880-9952-A-1-I MSD). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-16441 and analytical batch 880-16553 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ1

Lab Sample ID: 880-9952-1

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1 F2	0.00199	mg/Kg		01/07/22 13:19	01/08/22 07:08	1
Toluene	<0.00199	U F1 F2	0.00199	mg/Kg		01/07/22 13:19	01/08/22 07:08	1
Ethylbenzene	<0.00199	U F1 F2	0.00199	mg/Kg		01/07/22 13:19	01/08/22 07:08	1
m,p-Xylenes	<0.00398	U F1 F2	0.00398	mg/Kg		01/07/22 13:19	01/08/22 07:08	1
o-Xylene	<0.00199	U F1 F2	0.00199	mg/Kg		01/07/22 13:19	01/08/22 07:08	1
Xylenes, Total	<0.00398	U F1 F2	0.00398	mg/Kg		01/07/22 13:19	01/08/22 07:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	219	S1+	70 - 130	01/07/22 13:19	01/08/22 07:08	1
1,4-Difluorobenzene (Surr)	84		70 - 130	01/07/22 13:19	01/08/22 07:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/11/22 09:52	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 12:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9	mg/Kg		01/07/22 16:45	01/10/22 12:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130	01/07/22 16:45	01/10/22 12:18	1
o-Terphenyl	65	S1-	70 - 130	01/07/22 16:45	01/10/22 12:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	838		5.01	mg/Kg			01/14/22 07:33	1

Client Sample ID: HZ1

Lab Sample ID: 880-9952-2

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 07:35	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 07:35	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 07:35	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		01/07/22 13:19	01/08/22 07:35	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 07:35	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/07/22 13:19	01/08/22 07:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/07/22 13:19	01/08/22 07:35	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ1

Lab Sample ID: 880-9952-2

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	117		70 - 130	01/07/22 13:19	01/08/22 07:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/11/22 09:52	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 13:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 13:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 13:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			01/07/22 16:45	01/10/22 13:21	1
o-Terphenyl	63	S1-	70 - 130			01/07/22 16:45	01/10/22 13:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	293		4.98	mg/Kg			01/14/22 07:45	1

Client Sample ID: HZ2

Lab Sample ID: 880-9952-3

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/07/22 13:19	01/08/22 08:02	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/07/22 13:19	01/08/22 08:02	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/07/22 13:19	01/08/22 08:02	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		01/07/22 13:19	01/08/22 08:02	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/07/22 13:19	01/08/22 08:02	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/07/22 13:19	01/08/22 08:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	218	S1+	70 - 130	01/07/22 13:19	01/08/22 08:02	1
1,4-Difluorobenzene (Surr)	116		70 - 130	01/07/22 13:19	01/08/22 08:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/11/22 09:52	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ2

Lab Sample ID: 880-9952-3

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: Surf

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 13:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 13:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 13:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130			01/07/22 16:45	01/10/22 13:42	1
o-Terphenyl	59	S1-	70 - 130			01/07/22 16:45	01/10/22 13:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	253	F1	5.00	mg/Kg			01/14/22 07:52	1

Client Sample ID: HZ2

Lab Sample ID: 880-9952-4

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/07/22 13:19	01/08/22 08:30	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/07/22 13:19	01/08/22 08:30	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/07/22 13:19	01/08/22 08:30	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/07/22 13:19	01/08/22 08:30	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/07/22 13:19	01/08/22 08:30	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/07/22 13:19	01/08/22 08:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	208	S1+	70 - 130			01/07/22 13:19	01/08/22 08:30	1
1,4-Difluorobenzene (Surr)	117		70 - 130			01/07/22 13:19	01/08/22 08:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/11/22 09:52	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 14:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 14:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 14:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130			01/07/22 16:45	01/10/22 14:03	1
o-Terphenyl	60	S1-	70 - 130			01/07/22 16:45	01/10/22 14:03	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ2

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Sample Depth: 1

Lab Sample ID: 880-9952-4

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	328		4.99	mg/Kg			01/14/22 08:10	1

Client Sample ID: HZ3

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Sample Depth: Surf

Lab Sample ID: 880-9952-5

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 08:57	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 08:57	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 08:57	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		01/07/22 13:19	01/08/22 08:57	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 08:57	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/07/22 13:19	01/08/22 08:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	241	S1+	70 - 130			01/07/22 13:19	01/08/22 08:57	1
1,4-Difluorobenzene (Surr)	109		70 - 130			01/07/22 13:19	01/08/22 08:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/11/22 09:52	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 14:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 14:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 14:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130			01/07/22 16:45	01/10/22 14:23	1
o-Terphenyl	64	S1-	70 - 130			01/07/22 16:45	01/10/22 14:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	331		4.98	mg/Kg			01/14/22 08:16	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ3

Lab Sample ID: 880-9952-6

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg	-	01/07/22 13:19	01/08/22 09:25	1
Toluene	<0.00200	U	0.00200	mg/Kg	-	01/07/22 13:19	01/08/22 09:25	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg	-	01/07/22 13:19	01/08/22 09:25	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg	-	01/07/22 13:19	01/08/22 09:25	1
o-Xylene	<0.00200	U	0.00200	mg/Kg	-	01/07/22 13:19	01/08/22 09:25	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg	-	01/07/22 13:19	01/08/22 09:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	201	S1+	70 - 130	01/07/22 13:19	01/08/22 09:25	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/07/22 13:19	01/08/22 09:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg	-		01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg	-		01/11/22 09:52	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg	-	01/07/22 16:45	01/10/22 14:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg	-	01/07/22 16:45	01/10/22 14:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg	-	01/07/22 16:45	01/10/22 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130	01/07/22 16:45	01/10/22 14:43	1
o-Terphenyl	65	S1-	70 - 130	01/07/22 16:45	01/10/22 14:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	302		4.95	mg/Kg	-		01/14/22 08:41	1

Client Sample ID: HZ4

Lab Sample ID: 880-9952-7

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg	-	01/07/22 13:19	01/08/22 09:51	1
Toluene	<0.00200	U	0.00200	mg/Kg	-	01/07/22 13:19	01/08/22 09:51	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg	-	01/07/22 13:19	01/08/22 09:51	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg	-	01/07/22 13:19	01/08/22 09:51	1
o-Xylene	<0.00200	U	0.00200	mg/Kg	-	01/07/22 13:19	01/08/22 09:51	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg	-	01/07/22 13:19	01/08/22 09:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	01/07/22 13:19	01/08/22 09:51	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ4

Lab Sample ID: 880-9952-7

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	93		70 - 130	01/07/22 13:19	01/08/22 09:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/11/22 09:52	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 15:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 15:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 15:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130			01/07/22 16:45	01/10/22 15:04	1
o-Terphenyl	59	S1-	70 - 130			01/07/22 16:45	01/10/22 15:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	327		4.97	mg/Kg			01/14/22 08:47	1

Client Sample ID: HZ4

Lab Sample ID: 880-9952-8

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 10:18	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 10:18	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 10:18	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/07/22 13:19	01/08/22 10:18	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 10:18	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/07/22 13:19	01/08/22 10:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	231	S1+	70 - 130	01/07/22 13:19	01/08/22 10:18	1
1,4-Difluorobenzene (Surr)	107		70 - 130	01/07/22 13:19	01/08/22 10:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/11/22 09:52	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ4

Lab Sample ID: 880-9952-8

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: 1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 15:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 15:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 15:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130			01/07/22 16:45	01/10/22 15:24	1
o-Terphenyl	63	S1-	70 - 130			01/07/22 16:45	01/10/22 15:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	312		5.00	mg/Kg			01/14/22 08:53	1

Client Sample ID: HZ5

Lab Sample ID: 880-9952-9

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/07/22 13:19	01/08/22 10:46	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/07/22 13:19	01/08/22 10:46	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/07/22 13:19	01/08/22 10:46	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		01/07/22 13:19	01/08/22 10:46	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/07/22 13:19	01/08/22 10:46	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		01/07/22 13:19	01/08/22 10:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	211	S1+	70 - 130			01/07/22 13:19	01/08/22 10:46	1
1,4-Difluorobenzene (Surr)	112		70 - 130			01/07/22 13:19	01/08/22 10:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/11/22 09:52	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 15:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 15:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 15:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130			01/07/22 16:45	01/10/22 15:45	1
o-Terphenyl	62	S1-	70 - 130			01/07/22 16:45	01/10/22 15:45	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ5

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Sample Depth: Surf

Lab Sample ID: 880-9952-9

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	367		4.96	mg/Kg			01/14/22 08:59	1

Client Sample ID: HZ5

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Sample Depth: 1

Lab Sample ID: 880-9952-10

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 11:13	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 11:13	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 11:13	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/07/22 13:19	01/08/22 11:13	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 11:13	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/07/22 13:19	01/08/22 11:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	205	S1+	70 - 130			01/07/22 13:19	01/08/22 11:13	1
1,4-Difluorobenzene (Surr)	88		70 - 130			01/07/22 13:19	01/08/22 11:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/11/22 09:52	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 16:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 16:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 16:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130			01/07/22 16:45	01/10/22 16:06	1
o-Terphenyl	65	S1-	70 - 130			01/07/22 16:45	01/10/22 16:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	409		5.04	mg/Kg			01/14/22 09:06	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ6

Lab Sample ID: 880-9952-11

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg	-	01/07/22 13:19	01/08/22 12:59	1
Toluene	<0.00201	U	0.00201	mg/Kg	-	01/07/22 13:19	01/08/22 12:59	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg	-	01/07/22 13:19	01/08/22 12:59	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg	-	01/07/22 13:19	01/08/22 12:59	1
o-Xylene	<0.00201	U	0.00201	mg/Kg	-	01/07/22 13:19	01/08/22 12:59	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg	-	01/07/22 13:19	01/08/22 12:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	251	S1+	70 - 130	01/07/22 13:19	01/08/22 12:59	1
1,4-Difluorobenzene (Surr)	109		70 - 130	01/07/22 13:19	01/08/22 12:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg	-		01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg	-		01/11/22 09:52	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg	-	01/07/22 16:45	01/10/22 16:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg	-	01/07/22 16:45	01/10/22 16:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg	-	01/07/22 16:45	01/10/22 16:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130	01/07/22 16:45	01/10/22 16:47	1
o-Terphenyl	59	S1-	70 - 130	01/07/22 16:45	01/10/22 16:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.8		4.98	mg/Kg	-		01/14/22 09:12	1

Client Sample ID: HZ6

Lab Sample ID: 880-9952-12

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg	-	01/07/22 13:19	01/08/22 13:26	1
Toluene	<0.00202	U	0.00202	mg/Kg	-	01/07/22 13:19	01/08/22 13:26	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg	-	01/07/22 13:19	01/08/22 13:26	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg	-	01/07/22 13:19	01/08/22 13:26	1
o-Xylene	<0.00202	U	0.00202	mg/Kg	-	01/07/22 13:19	01/08/22 13:26	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg	-	01/07/22 13:19	01/08/22 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	263	S1+	70 - 130	01/07/22 13:19	01/08/22 13:26	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ6

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Sample Depth: 1

Lab Sample ID: 880-9952-12

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	134	S1+	70 - 130	01/07/22 13:19	01/08/22 13:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/11/22 09:52	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 17:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 17:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 17:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130			01/07/22 16:45	01/10/22 17:07	1
o-Terphenyl	70		70 - 130			01/07/22 16:45	01/10/22 17:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	311		4.95	mg/Kg			01/14/22 09:18	1

Client Sample ID: HZ7

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Sample Depth: Surf

Lab Sample ID: 880-9952-13

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/07/22 13:19	01/08/22 13:52	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/07/22 13:19	01/08/22 13:52	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/07/22 13:19	01/08/22 13:52	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/07/22 13:19	01/08/22 13:52	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/07/22 13:19	01/08/22 13:52	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/07/22 13:19	01/08/22 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	226	S1+	70 - 130	01/07/22 13:19	01/08/22 13:52	1
1,4-Difluorobenzene (Surr)	122		70 - 130	01/07/22 13:19	01/08/22 13:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/11/22 09:52	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ7

Lab Sample ID: 880-9952-13

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: Surf

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 17:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 17:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 17:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130			01/07/22 16:45	01/10/22 17:28	1
o-Terphenyl	59	S1-	70 - 130			01/07/22 16:45	01/10/22 17:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.4		4.99	mg/Kg			01/12/22 13:55	1

Client Sample ID: HZ7

Lab Sample ID: 880-9952-14

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 14:18	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 14:18	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 14:18	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/07/22 13:19	01/08/22 14:18	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 14:18	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/07/22 13:19	01/08/22 14:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	261	S1+	70 - 130			01/07/22 13:19	01/08/22 14:18	1
1,4-Difluorobenzene (Surr)	129		70 - 130			01/07/22 13:19	01/08/22 14:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/11/22 09:52	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 17:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 17:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 17:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			01/07/22 16:45	01/10/22 17:48	1
o-Terphenyl	61	S1-	70 - 130			01/07/22 16:45	01/10/22 17:48	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ7

Lab Sample ID: 880-9952-14

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: 1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.1		5.00	mg/Kg			01/12/22 15:30	1

Client Sample ID: HZ8

Lab Sample ID: 880-9952-15

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/07/22 13:19	01/08/22 14:44	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/07/22 13:19	01/08/22 14:44	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/07/22 13:19	01/08/22 14:44	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/07/22 13:19	01/08/22 14:44	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/07/22 13:19	01/08/22 14:44	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/07/22 13:19	01/08/22 14:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130			01/07/22 13:19	01/08/22 14:44	1
1,4-Difluorobenzene (Surr)	74		70 - 130			01/07/22 13:19	01/08/22 14:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/11/22 09:52	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 18:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 18:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 18:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130			01/07/22 16:45	01/10/22 18:08	1
o-Terphenyl	64	S1-	70 - 130			01/07/22 16:45	01/10/22 18:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.0		4.97	mg/Kg			01/12/22 15:41	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ8

Lab Sample ID: 880-9952-16

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 15:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 15:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 15:10	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		01/07/22 13:19	01/08/22 15:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 15:10	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/07/22 13:19	01/08/22 15:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	247	S1+	70 - 130	01/07/22 13:19	01/08/22 15:10	1
1,4-Difluorobenzene (Surr)	128		70 - 130	01/07/22 13:19	01/08/22 15:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/11/22 09:52	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 18:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 18:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 18:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130	01/07/22 16:45	01/10/22 18:29	1
o-Terphenyl	61	S1-	70 - 130	01/07/22 16:45	01/10/22 18:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.8		4.95	mg/Kg			01/12/22 15:53	1

Client Sample ID: HZ9

Lab Sample ID: 880-9952-17

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/07/22 13:19	01/08/22 15:36	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/07/22 13:19	01/08/22 15:36	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/07/22 13:19	01/08/22 15:36	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		01/07/22 13:19	01/08/22 15:36	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/07/22 13:19	01/08/22 15:36	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/07/22 13:19	01/08/22 15:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	250	S1+	70 - 130	01/07/22 13:19	01/08/22 15:36	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ9

Lab Sample ID: 880-9952-17

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	127		70 - 130	01/07/22 13:19	01/08/22 15:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/11/22 09:52	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 18:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 18:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 18:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130			01/07/22 16:45	01/10/22 18:50	1
o-Terphenyl	63	S1-	70 - 130			01/07/22 16:45	01/10/22 18:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.9		5.04	mg/Kg			01/12/22 16:05	1

Client Sample ID: HZ9

Lab Sample ID: 880-9952-18

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/07/22 13:19	01/08/22 16:02	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/07/22 13:19	01/08/22 16:02	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/07/22 13:19	01/08/22 16:02	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		01/07/22 13:19	01/08/22 16:02	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/07/22 13:19	01/08/22 16:02	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/07/22 13:19	01/08/22 16:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	258	S1+	70 - 130	01/07/22 13:19	01/08/22 16:02	1
1,4-Difluorobenzene (Surr)	124		70 - 130	01/07/22 13:19	01/08/22 16:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/11/22 09:52	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ9

Lab Sample ID: 880-9952-18

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: 1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 19:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 19:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 19:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130			01/07/22 16:45	01/10/22 19:11	1
o-Terphenyl	61	S1-	70 - 130			01/07/22 16:45	01/10/22 19:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.1		4.98	mg/Kg			01/12/22 16:41	1

Client Sample ID: HZ10

Lab Sample ID: 880-9952-19

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/07/22 13:19	01/08/22 16:28	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/07/22 13:19	01/08/22 16:28	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/07/22 13:19	01/08/22 16:28	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/07/22 13:19	01/08/22 16:28	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/07/22 13:19	01/08/22 16:28	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/07/22 13:19	01/08/22 16:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	252	S1+	70 - 130			01/07/22 13:19	01/08/22 16:28	1
1,4-Difluorobenzene (Surr)	125		70 - 130			01/07/22 13:19	01/08/22 16:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/11/22 09:52	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 19:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 19:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 19:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130			01/07/22 16:45	01/10/22 19:33	1
o-Terphenyl	58	S1-	70 - 130			01/07/22 16:45	01/10/22 19:33	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ10

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Sample Depth: Surf

Lab Sample ID: 880-9952-19

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.3		4.95	mg/Kg			01/12/22 16:53	1

Client Sample ID: HZ10

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Sample Depth: 1

Lab Sample ID: 880-9952-20

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 16:54	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 16:54	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 16:54	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/07/22 13:19	01/08/22 16:54	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/07/22 13:19	01/08/22 16:54	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/07/22 13:19	01/08/22 16:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	255	S1+	70 - 130			01/07/22 13:19	01/08/22 16:54	1
1,4-Difluorobenzene (Surr)	127		70 - 130			01/07/22 13:19	01/08/22 16:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/12/22 12:57	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/11/22 09:52	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 19:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 19:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/07/22 16:45	01/10/22 19:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130			01/07/22 16:45	01/10/22 19:55	1
o-Terphenyl	56	S1-	70 - 130			01/07/22 16:45	01/10/22 19:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.7		4.95	mg/Kg			01/12/22 17:04	1

Eurofins Midland

Surrogate Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-9952-1	HZ1	219 S1+	84
880-9952-1 MS	HZ1	236 S1+	112
880-9952-1 MSD	HZ1	183 S1+	115
880-9952-2	HZ1	114	117
880-9952-3	HZ2	218 S1+	116
880-9952-4	HZ2	208 S1+	117
880-9952-5	HZ3	241 S1+	109
880-9952-6	HZ3	201 S1+	99
880-9952-7	HZ4	115	93
880-9952-8	HZ4	231 S1+	107
880-9952-9	HZ5	211 S1+	112
880-9952-10	HZ5	205 S1+	88
880-9952-11	HZ6	251 S1+	109
880-9952-12	HZ6	263 S1+	134 S1+
880-9952-13	HZ7	226 S1+	122
880-9952-14	HZ7	261 S1+	129
880-9952-15	HZ8	123	74
880-9952-16	HZ8	247 S1+	128
880-9952-17	HZ9	250 S1+	127
880-9952-18	HZ9	258 S1+	124
880-9952-19	HZ10	252 S1+	125
880-9952-20	HZ10	255 S1+	127
LCS 880-16262/1-A	Lab Control Sample	241 S1+	118
LCSD 880-16262/2-A	Lab Control Sample Dup	234 S1+	107
MB 880-16152/5-A	Method Blank	136 S1+	92
MB 880-16263/39	Method Blank	138 S1+	106

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-9952-1	HZ1	64 S1-	65 S1-
880-9952-1 MS	HZ1	63 S1-	53 S1-
880-9952-1 MSD	HZ1	62 S1-	54 S1-
880-9952-2	HZ1	68 S1-	63 S1-
880-9952-3	HZ2	65 S1-	59 S1-
880-9952-4	HZ2	65 S1-	60 S1-
880-9952-5	HZ3	69 S1-	64 S1-
880-9952-6	HZ3	69 S1-	65 S1-
880-9952-7	HZ4	67 S1-	59 S1-
880-9952-8	HZ4	69 S1-	63 S1-
880-9952-9	HZ5	63 S1-	62 S1-
880-9952-10	HZ5	66 S1-	65 S1-
880-9952-11	HZ6	66 S1-	59 S1-

Eurofins Midland

Surrogate Summary

Client: Hungry Horse LLC

Job ID: 880-9952-1

Project/Site: ARU #16

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)
Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-9952-12	HZ6	77	70
880-9952-13	HZ7	66 S1-	59 S1-
880-9952-14	HZ7	68 S1-	61 S1-
880-9952-15	HZ8	71	64 S1-
880-9952-16	HZ8	69 S1-	61 S1-
880-9952-17	HZ9	70	63 S1-
880-9952-18	HZ9	69 S1-	61 S1-
880-9952-19	HZ10	66 S1-	58 S1-
880-9952-20	HZ10	64 S1-	56 S1-
LCS 880-16316/2-A	Lab Control Sample	112	108
LCSD 880-16316/3-A	Lab Control Sample Dup	122	122
MB 880-16316/1-A	Method Blank	68 S1-	74

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-16152/5-A

Matrix: Solid

Analysis Batch: 16263

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16152

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/07/22 08:00	01/07/22 17:01	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/07/22 08:00	01/07/22 17:01	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/07/22 08:00	01/07/22 17:01	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/07/22 08:00	01/07/22 17:01	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/07/22 08:00	01/07/22 17:01	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/07/22 08:00	01/07/22 17:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	01/07/22 08:00	01/07/22 17:01	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/07/22 08:00	01/07/22 17:01	1

Lab Sample ID: LCS 880-16262/1-A

Matrix: Solid

Analysis Batch: 16263

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1049		mg/Kg		105	70 - 130
Toluene	0.100	0.1120		mg/Kg		112	70 - 130
Ethylbenzene	0.100	0.1098		mg/Kg		110	70 - 130
m,p-Xylenes	0.200	0.2238		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1076		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	241	S1+	70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: LCSD 880-16262/2-A

Matrix: Solid

Analysis Batch: 16263

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16262

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1065		mg/Kg		107	70 - 130	1	35
Toluene	0.100	0.1110		mg/Kg		111	70 - 130	1	35
Ethylbenzene	0.100	0.1089		mg/Kg		109	70 - 130	1	35
m,p-Xylenes	0.200	0.2222		mg/Kg		111	70 - 130	1	35
o-Xylene	0.100	0.1059		mg/Kg		106	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	234	S1+	70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-9952-1 MS

Matrix: Solid

Analysis Batch: 16263

Client Sample ID: HZ1

Prep Type: Total/NA

Prep Batch: 16262

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F1 F2	0.0996	0.08738		mg/Kg		88	70 - 130
Toluene	<0.00199	U F1 F2	0.0996	0.08690		mg/Kg		86	70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-9952-1 MS

Matrix: Solid

Analysis Batch: 16263

Client Sample ID: HZ1

Prep Type: Total/NA

Prep Batch: 16262

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00199	U F1 F2	0.0996	0.08213		mg/Kg		82	70 - 130
m,p-Xylenes	<0.00398	U F1 F2	0.199	0.1652		mg/Kg		83	70 - 130
o-Xylene	<0.00199	U F1 F2	0.0996	0.07689		mg/Kg		77	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	236	S1+	70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-9952-1 MSD

Matrix: Solid

Analysis Batch: 16263

Client Sample ID: HZ1

Prep Type: Total/NA

Prep Batch: 16262

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00199	U F1 F2	0.100	0.05075	F1 F2	mg/Kg		51	70 - 130	53	35
Toluene	<0.00199	U F1 F2	0.100	0.04976	F1 F2	mg/Kg		49	70 - 130	54	35
Ethylbenzene	<0.00199	U F1 F2	0.100	0.04945	F1 F2	mg/Kg		49	70 - 130	50	35
m,p-Xylenes	<0.00398	U F1 F2	0.200	0.09928	F1 F2	mg/Kg		50	70 - 130	50	35
o-Xylene	<0.00199	U F1 F2	0.100	0.04960	F1 F2	mg/Kg		49	70 - 130	43	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	183	S1+	70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: MB 880-16263/39

Matrix: Solid

Analysis Batch: 16263

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg			01/08/22 06:41	1
Toluene	<0.00200	U	0.00200	mg/Kg			01/08/22 06:41	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg			01/08/22 06:41	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg			01/08/22 06:41	1
o-Xylene	<0.00200	U	0.00200	mg/Kg			01/08/22 06:41	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg			01/08/22 06:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130		01/08/22 06:41	1
1,4-Difluorobenzene (Surr)	106		70 - 130		01/08/22 06:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-16316/1-A

Matrix: Solid

Analysis Batch: 16339

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16316

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 11:15	1

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-16316/1-A

Matrix: Solid

Analysis Batch: 16339

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16316

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 11:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/07/22 16:45	01/10/22 11:15	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			01/07/22 16:45	01/10/22 11:15	1
o-Terphenyl	74		70 - 130			01/07/22 16:45	01/10/22 11:15	1

Lab Sample ID: LCS 880-16316/2-A

Matrix: Solid

Analysis Batch: 16339

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 16316

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	860.0		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	1000	923.2		mg/Kg		92	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	112		70 - 130				
o-Terphenyl	108		70 - 130				

Lab Sample ID: LCSD 880-16316/3-A

Matrix: Solid

Analysis Batch: 16339

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16316

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	912.1		mg/Kg		91	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1000		mg/Kg		100	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	122		70 - 130						
o-Terphenyl	122		70 - 130						

Lab Sample ID: 880-9952-1 MS

Matrix: Solid

Analysis Batch: 16339

Client Sample ID: HZ1

Prep Type: Total/NA

Prep Batch: 16316

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	751.9		mg/Kg		75	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	996	693.8	F1	mg/Kg		67	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	63	S1-	70 - 130						
o-Terphenyl	53	S1-	70 - 130						

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-9952-1 MSD

Matrix: Solid

Analysis Batch: 16339

Client Sample ID: HZ1

Prep Type: Total/NA

Prep Batch: 16316

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	764.2		mg/Kg		76	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	695.2	F1	mg/Kg		67	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	62	S1-	70 - 130								
o-Terphenyl	54	S1-	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-16441/1-A

Matrix: Solid

Analysis Batch: 16553

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/14/22 06:01	1

Lab Sample ID: LCS 880-16441/2-A

Matrix: Solid

Analysis Batch: 16553

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	269.8		mg/Kg		108	90 - 110

Lab Sample ID: LCSD 880-16441/3-A

Matrix: Solid

Analysis Batch: 16553

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	272.9		mg/Kg		109	90 - 110	1	20

Lab Sample ID: 880-9952-3 MS

Matrix: Solid

Analysis Batch: 16553

Client Sample ID: HZ2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	253	F1	250	554.5	F1	mg/Kg		121	90 - 110

Lab Sample ID: 880-9952-3 MSD

Matrix: Solid

Analysis Batch: 16553

Client Sample ID: HZ2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	253	F1	250	561.8	F1	mg/Kg		124	90 - 110	1	20

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-16442/1-A

Matrix: Solid

Analysis Batch: 16556

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/12/22 13:19	1

Lab Sample ID: LCS 880-16442/2-A

Matrix: Solid

Analysis Batch: 16556

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	249.5		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-16442/3-A

Matrix: Solid

Analysis Batch: 16556

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	242.2		mg/Kg		97	90 - 110	3	20

Lab Sample ID: 880-9952-13 MS

Matrix: Solid

Analysis Batch: 16556

Client Sample ID: HZ7

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	44.4		250	306.0		mg/Kg		105	90 - 110

Lab Sample ID: 880-9952-13 MSD

Matrix: Solid

Analysis Batch: 16556

Client Sample ID: HZ7

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	44.4		250	308.1		mg/Kg		106	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

GC VOA

Prep Batch: 16152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-16152/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 16262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9952-1	HZ1	Total/NA	Solid	5035	
880-9952-2	HZ1	Total/NA	Solid	5035	
880-9952-3	HZ2	Total/NA	Solid	5035	
880-9952-4	HZ2	Total/NA	Solid	5035	
880-9952-5	HZ3	Total/NA	Solid	5035	
880-9952-6	HZ3	Total/NA	Solid	5035	
880-9952-7	HZ4	Total/NA	Solid	5035	
880-9952-8	HZ4	Total/NA	Solid	5035	
880-9952-9	HZ5	Total/NA	Solid	5035	
880-9952-10	HZ5	Total/NA	Solid	5035	
880-9952-11	HZ6	Total/NA	Solid	5035	
880-9952-12	HZ6	Total/NA	Solid	5035	
880-9952-13	HZ7	Total/NA	Solid	5035	
880-9952-14	HZ7	Total/NA	Solid	5035	
880-9952-15	HZ8	Total/NA	Solid	5035	
880-9952-16	HZ8	Total/NA	Solid	5035	
880-9952-17	HZ9	Total/NA	Solid	5035	
880-9952-18	HZ9	Total/NA	Solid	5035	
880-9952-19	HZ10	Total/NA	Solid	5035	
880-9952-20	HZ10	Total/NA	Solid	5035	
LCS 880-16262/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16262/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9952-1 MS	HZ1	Total/NA	Solid	5035	
880-9952-1 MSD	HZ1	Total/NA	Solid	5035	

Analysis Batch: 16263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9952-1	HZ1	Total/NA	Solid	8021B	16262
880-9952-2	HZ1	Total/NA	Solid	8021B	16262
880-9952-3	HZ2	Total/NA	Solid	8021B	16262
880-9952-4	HZ2	Total/NA	Solid	8021B	16262
880-9952-5	HZ3	Total/NA	Solid	8021B	16262
880-9952-6	HZ3	Total/NA	Solid	8021B	16262
880-9952-7	HZ4	Total/NA	Solid	8021B	16262
880-9952-8	HZ4	Total/NA	Solid	8021B	16262
880-9952-9	HZ5	Total/NA	Solid	8021B	16262
880-9952-10	HZ5	Total/NA	Solid	8021B	16262
880-9952-11	HZ6	Total/NA	Solid	8021B	16262
880-9952-12	HZ6	Total/NA	Solid	8021B	16262
880-9952-13	HZ7	Total/NA	Solid	8021B	16262
880-9952-14	HZ7	Total/NA	Solid	8021B	16262
880-9952-15	HZ8	Total/NA	Solid	8021B	16262
880-9952-16	HZ8	Total/NA	Solid	8021B	16262
880-9952-17	HZ9	Total/NA	Solid	8021B	16262
880-9952-18	HZ9	Total/NA	Solid	8021B	16262
880-9952-19	HZ10	Total/NA	Solid	8021B	16262
880-9952-20	HZ10	Total/NA	Solid	8021B	16262

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

GC VOA (Continued)

Analysis Batch: 16263 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-16152/5-A	Method Blank	Total/NA	Solid	8021B	16152
MB 880-16263/39	Method Blank	Total/NA	Solid	8021B	
LCS 880-16262/1-A	Lab Control Sample	Total/NA	Solid	8021B	16262
LCSD 880-16262/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16262
880-9952-1 MS	HZ1	Total/NA	Solid	8021B	16262
880-9952-1 MSD	HZ1	Total/NA	Solid	8021B	16262

Analysis Batch: 16668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9952-1	HZ1	Total/NA	Solid	Total BTEX	
880-9952-2	HZ1	Total/NA	Solid	Total BTEX	
880-9952-3	HZ2	Total/NA	Solid	Total BTEX	
880-9952-4	HZ2	Total/NA	Solid	Total BTEX	
880-9952-5	HZ3	Total/NA	Solid	Total BTEX	
880-9952-6	HZ3	Total/NA	Solid	Total BTEX	
880-9952-7	HZ4	Total/NA	Solid	Total BTEX	
880-9952-8	HZ4	Total/NA	Solid	Total BTEX	
880-9952-9	HZ5	Total/NA	Solid	Total BTEX	
880-9952-10	HZ5	Total/NA	Solid	Total BTEX	
880-9952-11	HZ6	Total/NA	Solid	Total BTEX	
880-9952-12	HZ6	Total/NA	Solid	Total BTEX	
880-9952-13	HZ7	Total/NA	Solid	Total BTEX	
880-9952-14	HZ7	Total/NA	Solid	Total BTEX	
880-9952-15	HZ8	Total/NA	Solid	Total BTEX	
880-9952-16	HZ8	Total/NA	Solid	Total BTEX	
880-9952-17	HZ9	Total/NA	Solid	Total BTEX	
880-9952-18	HZ9	Total/NA	Solid	Total BTEX	
880-9952-19	HZ10	Total/NA	Solid	Total BTEX	
880-9952-20	HZ10	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 16316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9952-1	HZ1	Total/NA	Solid	8015NM Prep	
880-9952-2	HZ1	Total/NA	Solid	8015NM Prep	
880-9952-3	HZ2	Total/NA	Solid	8015NM Prep	
880-9952-4	HZ2	Total/NA	Solid	8015NM Prep	
880-9952-5	HZ3	Total/NA	Solid	8015NM Prep	
880-9952-6	HZ3	Total/NA	Solid	8015NM Prep	
880-9952-7	HZ4	Total/NA	Solid	8015NM Prep	
880-9952-8	HZ4	Total/NA	Solid	8015NM Prep	
880-9952-9	HZ5	Total/NA	Solid	8015NM Prep	
880-9952-10	HZ5	Total/NA	Solid	8015NM Prep	
880-9952-11	HZ6	Total/NA	Solid	8015NM Prep	
880-9952-12	HZ6	Total/NA	Solid	8015NM Prep	
880-9952-13	HZ7	Total/NA	Solid	8015NM Prep	
880-9952-14	HZ7	Total/NA	Solid	8015NM Prep	
880-9952-15	HZ8	Total/NA	Solid	8015NM Prep	
880-9952-16	HZ8	Total/NA	Solid	8015NM Prep	
880-9952-17	HZ9	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

GC Semi VOA (Continued)

Prep Batch: 16316 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9952-18	HZ9	Total/NA	Solid	8015NM Prep	
880-9952-19	HZ10	Total/NA	Solid	8015NM Prep	
880-9952-20	HZ10	Total/NA	Solid	8015NM Prep	
MB 880-16316/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16316/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16316/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-9952-1 MS	HZ1	Total/NA	Solid	8015NM Prep	
880-9952-1 MSD	HZ1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 16339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9952-1	HZ1	Total/NA	Solid	8015B NM	16316
880-9952-2	HZ1	Total/NA	Solid	8015B NM	16316
880-9952-3	HZ2	Total/NA	Solid	8015B NM	16316
880-9952-4	HZ2	Total/NA	Solid	8015B NM	16316
880-9952-5	HZ3	Total/NA	Solid	8015B NM	16316
880-9952-6	HZ3	Total/NA	Solid	8015B NM	16316
880-9952-7	HZ4	Total/NA	Solid	8015B NM	16316
880-9952-8	HZ4	Total/NA	Solid	8015B NM	16316
880-9952-9	HZ5	Total/NA	Solid	8015B NM	16316
880-9952-10	HZ5	Total/NA	Solid	8015B NM	16316
880-9952-11	HZ6	Total/NA	Solid	8015B NM	16316
880-9952-12	HZ6	Total/NA	Solid	8015B NM	16316
880-9952-13	HZ7	Total/NA	Solid	8015B NM	16316
880-9952-14	HZ7	Total/NA	Solid	8015B NM	16316
880-9952-15	HZ8	Total/NA	Solid	8015B NM	16316
880-9952-16	HZ8	Total/NA	Solid	8015B NM	16316
880-9952-17	HZ9	Total/NA	Solid	8015B NM	16316
880-9952-18	HZ9	Total/NA	Solid	8015B NM	16316
880-9952-19	HZ10	Total/NA	Solid	8015B NM	16316
880-9952-20	HZ10	Total/NA	Solid	8015B NM	16316
MB 880-16316/1-A	Method Blank	Total/NA	Solid	8015B NM	16316
LCS 880-16316/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16316
LCSD 880-16316/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16316
880-9952-1 MS	HZ1	Total/NA	Solid	8015B NM	16316
880-9952-1 MSD	HZ1	Total/NA	Solid	8015B NM	16316

Analysis Batch: 16493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9952-1	HZ1	Total/NA	Solid	8015 NM	
880-9952-2	HZ1	Total/NA	Solid	8015 NM	
880-9952-3	HZ2	Total/NA	Solid	8015 NM	
880-9952-4	HZ2	Total/NA	Solid	8015 NM	
880-9952-5	HZ3	Total/NA	Solid	8015 NM	
880-9952-6	HZ3	Total/NA	Solid	8015 NM	
880-9952-7	HZ4	Total/NA	Solid	8015 NM	
880-9952-8	HZ4	Total/NA	Solid	8015 NM	
880-9952-9	HZ5	Total/NA	Solid	8015 NM	
880-9952-10	HZ5	Total/NA	Solid	8015 NM	
880-9952-11	HZ6	Total/NA	Solid	8015 NM	
880-9952-12	HZ6	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

GC Semi VOA (Continued)

Analysis Batch: 16493 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9952-13	HZ7	Total/NA	Solid	8015 NM	
880-9952-14	HZ7	Total/NA	Solid	8015 NM	
880-9952-15	HZ8	Total/NA	Solid	8015 NM	
880-9952-16	HZ8	Total/NA	Solid	8015 NM	
880-9952-17	HZ9	Total/NA	Solid	8015 NM	
880-9952-18	HZ9	Total/NA	Solid	8015 NM	
880-9952-19	HZ10	Total/NA	Solid	8015 NM	
880-9952-20	HZ10	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 16441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9952-1	HZ1	Soluble	Solid	DI Leach	
880-9952-2	HZ1	Soluble	Solid	DI Leach	
880-9952-3	HZ2	Soluble	Solid	DI Leach	
880-9952-4	HZ2	Soluble	Solid	DI Leach	
880-9952-5	HZ3	Soluble	Solid	DI Leach	
880-9952-6	HZ3	Soluble	Solid	DI Leach	
880-9952-7	HZ4	Soluble	Solid	DI Leach	
880-9952-8	HZ4	Soluble	Solid	DI Leach	
880-9952-9	HZ5	Soluble	Solid	DI Leach	
880-9952-10	HZ5	Soluble	Solid	DI Leach	
880-9952-11	HZ6	Soluble	Solid	DI Leach	
880-9952-12	HZ6	Soluble	Solid	DI Leach	
MB 880-16441/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-16441/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-16441/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9952-3 MS	HZ2	Soluble	Solid	DI Leach	
880-9952-3 MSD	HZ2	Soluble	Solid	DI Leach	

Leach Batch: 16442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9952-13	HZ7	Soluble	Solid	DI Leach	
880-9952-14	HZ7	Soluble	Solid	DI Leach	
880-9952-15	HZ8	Soluble	Solid	DI Leach	
880-9952-16	HZ8	Soluble	Solid	DI Leach	
880-9952-17	HZ9	Soluble	Solid	DI Leach	
880-9952-18	HZ9	Soluble	Solid	DI Leach	
880-9952-19	HZ10	Soluble	Solid	DI Leach	
880-9952-20	HZ10	Soluble	Solid	DI Leach	
MB 880-16442/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-16442/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-16442/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9952-13 MS	HZ7	Soluble	Solid	DI Leach	
880-9952-13 MSD	HZ7	Soluble	Solid	DI Leach	

Analysis Batch: 16553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9952-1	HZ1	Soluble	Solid	300.0	16441
880-9952-2	HZ1	Soluble	Solid	300.0	16441

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

HPLC/IC (Continued)

Analysis Batch: 16553 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9952-3	HZ2	Soluble	Solid	300.0	16441
880-9952-4	HZ2	Soluble	Solid	300.0	16441
880-9952-5	HZ3	Soluble	Solid	300.0	16441
880-9952-6	HZ3	Soluble	Solid	300.0	16441
880-9952-7	HZ4	Soluble	Solid	300.0	16441
880-9952-8	HZ4	Soluble	Solid	300.0	16441
880-9952-9	HZ5	Soluble	Solid	300.0	16441
880-9952-10	HZ5	Soluble	Solid	300.0	16441
880-9952-11	HZ6	Soluble	Solid	300.0	16441
880-9952-12	HZ6	Soluble	Solid	300.0	16441
MB 880-16441/1-A	Method Blank	Soluble	Solid	300.0	16441
LCS 880-16441/2-A	Lab Control Sample	Soluble	Solid	300.0	16441
LCSD 880-16441/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16441
880-9952-3 MS	HZ2	Soluble	Solid	300.0	16441
880-9952-3 MSD	HZ2	Soluble	Solid	300.0	16441

Analysis Batch: 16556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9952-13	HZ7	Soluble	Solid	300.0	16442
880-9952-14	HZ7	Soluble	Solid	300.0	16442
880-9952-15	HZ8	Soluble	Solid	300.0	16442
880-9952-16	HZ8	Soluble	Solid	300.0	16442
880-9952-17	HZ9	Soluble	Solid	300.0	16442
880-9952-18	HZ9	Soluble	Solid	300.0	16442
880-9952-19	HZ10	Soluble	Solid	300.0	16442
880-9952-20	HZ10	Soluble	Solid	300.0	16442
MB 880-16442/1-A	Method Blank	Soluble	Solid	300.0	16442
LCS 880-16442/2-A	Lab Control Sample	Soluble	Solid	300.0	16442
LCSD 880-16442/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16442
880-9952-13 MS	HZ7	Soluble	Solid	300.0	16442
880-9952-13 MSD	HZ7	Soluble	Solid	300.0	16442

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ1

Lab Sample ID: 880-9952-1

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 07:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 12:18	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	16441	01/10/22 13:31	CH	XEN MID
Soluble	Analysis	300.0		1			16553	01/14/22 07:33	CH	XEN MID

Client Sample ID: HZ1

Lab Sample ID: 880-9952-2

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 07:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 13:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16441	01/10/22 13:31	CH	XEN MID
Soluble	Analysis	300.0		1			16553	01/14/22 07:45	CH	XEN MID

Client Sample ID: HZ2

Lab Sample ID: 880-9952-3

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 08:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 13:42	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16441	01/10/22 13:31	CH	XEN MID
Soluble	Analysis	300.0		1			16553	01/14/22 07:52	CH	XEN MID

Client Sample ID: HZ2

Lab Sample ID: 880-9952-4

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 08:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ2

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Lab Sample ID: 880-9952-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 14:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16441	01/10/22 13:31	CH	XEN MID
Soluble	Analysis	300.0		1			16553	01/14/22 08:10	CH	XEN MID

Client Sample ID: HZ3

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Lab Sample ID: 880-9952-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 08:57	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 14:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16441	01/10/22 13:31	CH	XEN MID
Soluble	Analysis	300.0		1			16553	01/14/22 08:16	CH	XEN MID

Client Sample ID: HZ3

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Lab Sample ID: 880-9952-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 09:25	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 14:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16441	01/10/22 13:31	CH	XEN MID
Soluble	Analysis	300.0		1			16553	01/14/22 08:41	CH	XEN MID

Client Sample ID: HZ4

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Lab Sample ID: 880-9952-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 09:51	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 15:04	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ4

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Lab Sample ID: 880-9952-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	16441	01/10/22 13:31	CH	XEN MID
Soluble	Analysis	300.0		1			16553	01/14/22 08:47	CH	XEN MID

Client Sample ID: HZ4

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Lab Sample ID: 880-9952-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 10:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 15:24	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16441	01/10/22 13:31	CH	XEN MID
Soluble	Analysis	300.0		1			16553	01/14/22 08:53	CH	XEN MID

Client Sample ID: HZ5

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Lab Sample ID: 880-9952-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 10:46	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 15:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	16441	01/10/22 13:31	CH	XEN MID
Soluble	Analysis	300.0		1			16553	01/14/22 08:59	CH	XEN MID

Client Sample ID: HZ5

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Lab Sample ID: 880-9952-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 11:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 16:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	16441	01/10/22 13:31	CH	XEN MID
Soluble	Analysis	300.0		1			16553	01/14/22 09:06	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ6

Lab Sample ID: 880-9952-11

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 12:59	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 16:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16441	01/10/22 13:31	CH	XEN MID
Soluble	Analysis	300.0		1			16553	01/14/22 09:12	CH	XEN MID

Client Sample ID: HZ6

Lab Sample ID: 880-9952-12

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 13:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 17:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16441	01/10/22 13:31	CH	XEN MID
Soluble	Analysis	300.0		1			16553	01/14/22 09:18	CH	XEN MID

Client Sample ID: HZ7

Lab Sample ID: 880-9952-13

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 13:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 17:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16442	01/10/22 13:36	CH	XEN MID
Soluble	Analysis	300.0		1			16556	01/12/22 13:55	CH	XEN MID

Client Sample ID: HZ7

Lab Sample ID: 880-9952-14

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 14:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ7

Lab Sample ID: 880-9952-14

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 17:48	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16442	01/10/22 13:36	CH	XEN MID
Soluble	Analysis	300.0		1			16556	01/12/22 15:30	CH	XEN MID

Client Sample ID: HZ8

Lab Sample ID: 880-9952-15

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 14:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 18:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	16442	01/10/22 13:36	CH	XEN MID
Soluble	Analysis	300.0		1			16556	01/12/22 15:41	CH	XEN MID

Client Sample ID: HZ8

Lab Sample ID: 880-9952-16

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 15:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 18:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16442	01/10/22 13:36	CH	XEN MID
Soluble	Analysis	300.0		1			16556	01/12/22 15:53	CH	XEN MID

Client Sample ID: HZ9

Lab Sample ID: 880-9952-17

Date Collected: 01/07/22 00:00

Matrix: Solid

Date Received: 01/07/22 12:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 15:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 18:50	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Client Sample ID: HZ9

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Lab Sample ID: 880-9952-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	16442	01/10/22 13:36	CH	XEN MID
Soluble	Analysis	300.0		1			16556	01/12/22 16:05	CH	XEN MID

Client Sample ID: HZ9

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Lab Sample ID: 880-9952-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 16:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 19:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16442	01/10/22 13:36	CH	XEN MID
Soluble	Analysis	300.0		1			16556	01/12/22 16:41	CH	XEN MID

Client Sample ID: HZ10

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Lab Sample ID: 880-9952-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 16:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 19:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16442	01/10/22 13:36	CH	XEN MID
Soluble	Analysis	300.0		1			16556	01/12/22 16:53	CH	XEN MID

Client Sample ID: HZ10

Date Collected: 01/07/22 00:00

Date Received: 01/07/22 12:48

Lab Sample ID: 880-9952-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	16262	01/07/22 13:19	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16263	01/08/22 16:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16493	01/11/22 09:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16316	01/07/22 16:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16339	01/10/22 19:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16442	01/10/22 13:36	CH	XEN MID
Soluble	Analysis	300.0		1			16556	01/12/22 17:04	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Laboratory References:
XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

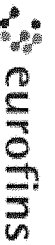
Eurofins Midland

Sample Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-9952-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-9952-1	HZ1	Solid	01/07/22 00:00	01/07/22 12:48	Surf
880-9952-2	HZ1	Solid	01/07/22 00:00	01/07/22 12:48	1
880-9952-3	HZ2	Solid	01/07/22 00:00	01/07/22 12:48	Surf
880-9952-4	HZ2	Solid	01/07/22 00:00	01/07/22 12:48	1
880-9952-5	HZ3	Solid	01/07/22 00:00	01/07/22 12:48	Surf
880-9952-6	HZ3	Solid	01/07/22 00:00	01/07/22 12:48	1
880-9952-7	HZ4	Solid	01/07/22 00:00	01/07/22 12:48	Surf
880-9952-8	HZ4	Solid	01/07/22 00:00	01/07/22 12:48	1
880-9952-9	HZ5	Solid	01/07/22 00:00	01/07/22 12:48	Surf
880-9952-10	HZ5	Solid	01/07/22 00:00	01/07/22 12:48	1
880-9952-11	HZ6	Solid	01/07/22 00:00	01/07/22 12:48	Surf
880-9952-12	HZ6	Solid	01/07/22 00:00	01/07/22 12:48	1
880-9952-13	HZ7	Solid	01/07/22 00:00	01/07/22 12:48	Surf
880-9952-14	HZ7	Solid	01/07/22 00:00	01/07/22 12:48	1
880-9952-15	HZ8	Solid	01/07/22 00:00	01/07/22 12:48	Surf
880-9952-16	HZ8	Solid	01/07/22 00:00	01/07/22 12:48	1
880-9952-17	HZ9	Solid	01/07/22 00:00	01/07/22 12:48	Surf
880-9952-18	HZ9	Solid	01/07/22 00:00	01/07/22 12:48	1
880-9952-19	HZ10	Solid	01/07/22 00:00	01/07/22 12:48	Surf
880-9952-20	HZ10	Solid	01/07/22 00:00	01/07/22 12:48	1



Chain of Custody
Xenoco

Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

N



880-9952 Chain of Custody

www.xenoco.com Page _____ of _____

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Loveington, NM 88260	City, State ZIP	Midland, TX 79702
Phone	575 393-3386	Email	arickard@cambrhannmgt.com and pm@hungry-horse.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	State of Project:
Reporting Level I ☐ Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	Deliverables EDD ☐ ADAPT ☐ Other ☐

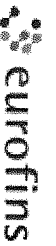
Project Name	ARU #16	Turn Around	☒ Routine ☐ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Location		Due Date	TAT starts the day received by the lab if received by 4:30pm														None NO	DI Water H ₂ O
Sample's Name																	Cool Cool	MeOH Me
SAMPLE RECEIPT	Temp Blank	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐													HCL, HC	HNO ₃ HN
	Cooler Custody Seals	Yes ☒ No ☐ N/A	Correction Factor	Yes ☒ No ☐ N/A													H ₂ SO ₄ H ₂	NaOH Na
	Sample Custody Seals	Yes ☒ No ☐ N/A	Temperature Reading	Yes ☒ No ☐ N/A													H ₃ PO ₄ HP	
	Total Containers	Yes ☒ No ☐ N/A	Corrected Temperature	Yes ☒ No ☐ N/A													NaHSO ₄ NABIS	
																	Na ₂ S ₂ O ₃ NaSO ₃	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	CHLORIDE	BTEX	TPH													Sample Comments	
HZ1	Soil			Surf	G	1	X	X	X													402	
HZ1	Soil			1	G	1	X	X	X														
HZ2	Soil			Surf	G	1	X	X	X														
HZ2	Soil			1	G	1	X	X	X														
HZ3	Soil			Surf	G	1	X	X	X														
HZ3	Soil			1	G	1	X	X	X														
HZ4	Soil			Surf	G	1	X	X	X														
HZ4	Soil			1	G	1	X	X	X														
HZ5	Soil			Surf	G	1	X	X	X														
HZ5	Soil			1	G	1	X	X	X														

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13BPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SIO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenoco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenoco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenoco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenoco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>B. Wall</i>	<i>Jan Carroll</i>	1-6-22 3:23	<i>Jan Carroll</i>	<i>Jan Carroll</i>	1-6-22 12:40



Turnover in
1,4160

Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No:

9952

www.xenco.com Page of

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Livingston NM 88260	City, State ZIP	Midland TX 79702
Phone	575 393-3386	Email	arickard@cambrnangmt.com and pm@hungry-horse.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	Deliverables EDD ☐ ADAPT ☐ Other ☐

Project Name	ARU #16	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number		☒ Routine ☐ Rush														None NO	
Project Location		Due Date														Cool Cool	
Sample's Name		TAT starts the day received by the lab if received by 4:30pm														HCL HC	
PO #																H ₂ SO ₄ H ₂	
SAMPLE RECEIPT	Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐													H ₃ PO ₄ HP
	Samples Received Intact	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐													NaHSO ₄ NABIS
	Cooler Custody Seals	Yes ☒ No ☐	Correction Factor	Yes ☒ No ☐													Na ₂ S ₂ O ₃ NaSO ₃
	Sample Custody Seals	Yes ☒ No ☐	Temperature Reading	Yes ☒ No ☐													Zn Acetate+NaOH Zn
	Total Containers	Yes ☒ No ☐	Corrected Temperature	Yes ☒ No ☐													NaOH+Ascorbic Acid SARC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	CHLORIDE	BTEX	TPH													Sample Comments
HZ6	Soil			Surf	G	1	X	X	X													
HZ6	Soil			1	G	1	X	X	X													
HZ7	Soil			Surf	G	1	X	X	X													
HZ7	Soil			1	G	1	X	X	X													
HZ8	Soil			Surf	G	1	X	X	X													
HZ8	Soil			1	G	1	X	X	X													
HZ9	Soil			Surf	G	1	X	X	X													
HZ9	Soil			1	G	1	X	X	X													
HZ10	Soil			Surf	G	1	X	X	X													
HZ10	Soil			1	G	1	X	X	X													

Total 200.7 / 6010 200.8 / 6020:

Circle Method(s) and Metal(s) to be analyzed: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
TCLP/SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	4-22-23	<i>[Signature]</i>	<i>[Signature]</i>	4-22-23

Login Sample Receipt Checklist

Client: Hungry Horse LLC

Job Number: 880-9952-1

Login Number: 9952

List Source: Eurofins Midland

List Number: 1

Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-10289-1

Client Project/Site: ARU #16

For:

Hungry Horse LLC
PO BOX 1058
Hobbs, New Mexico 88241

Attn: Lindsey Nevels

A handwritten signature in cursive script that reads "Holly Taylor".

Authorized for release by:
1/25/2022 5:36:59 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Hungry Horse LLC
Project/Site: ARU #16

Laboratory Job ID: 880-10289-1

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	99
QC Sample Results	106
QC Association Summary	134
Lab Chronicle	160
Certification Summary	196
Method Summary	197
Sample Summary	198
Chain of Custody	201
Receipt Checklists	213

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Midland

Case Narrative

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Job ID: 880-10289-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-10289-1

Comments

No additional comments.

Receipt

The samples were received on 1/18/2022 11:13 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8° C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-17107 and analytical batch 880-17102 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-17107/5-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL1

Lab Sample ID: 880-10289-1

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/18/22 22:19	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/18/22 22:19	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/18/22 22:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/18/22 10:00	01/18/22 22:19	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/18/22 22:19	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/18/22 10:00	01/18/22 22:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/18/22 10:00	01/18/22 22:19	1
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130	01/18/22 10:00	01/18/22 22:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	49.9	mg/Kg		01/18/22 13:33	01/20/22 11:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 11:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 11:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	01/18/22 13:33	01/20/22 11:23	1
o-Terphenyl	97		70 - 130	01/18/22 13:33	01/20/22 11:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126	F1	5.05	mg/Kg			01/19/22 23:54	1

Client Sample ID: FL2

Lab Sample ID: 880-10289-2

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/18/22 22:40	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/18/22 22:40	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/18/22 22:40	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/18/22 10:00	01/18/22 22:40	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/18/22 22:40	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/18/22 10:00	01/18/22 22:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	01/18/22 10:00	01/18/22 22:40	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL2

Lab Sample ID: 880-10289-2

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	82		70 - 130	01/18/22 10:00	01/18/22 22:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 12:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 12:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 12:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130			01/18/22 13:33	01/20/22 12:25	1
o-Terphenyl	99		70 - 130			01/18/22 13:33	01/20/22 12:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	161	F1	5.02	mg/Kg			01/23/22 14:29	1

Client Sample ID: FL3

Lab Sample ID: 880-10289-3

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/18/22 23:00	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/18/22 23:00	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/18/22 23:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/18/22 23:00	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/18/22 23:00	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/18/22 23:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	01/18/22 10:00	01/18/22 23:00	1
1,4-Difluorobenzene (Surr)	74		70 - 130	01/18/22 10:00	01/18/22 23:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL3

Lab Sample ID: 880-10289-3

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 12:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 12:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 12:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130			01/18/22 13:33	01/20/22 12:47	1
o-Terphenyl	90		70 - 130			01/18/22 13:33	01/20/22 12:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	175		4.95	mg/Kg			01/23/22 14:48	1

Client Sample ID: FL4

Lab Sample ID: 880-10289-4

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/18/22 23:20	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/18/22 23:20	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/18/22 23:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/18/22 23:20	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/18/22 23:20	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/18/22 23:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			01/18/22 10:00	01/18/22 23:20	1
1,4-Difluorobenzene (Surr)	92		70 - 130			01/18/22 10:00	01/18/22 23:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 13:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 13:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 13:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130			01/18/22 13:33	01/20/22 13:08	1
o-Terphenyl	114		70 - 130			01/18/22 13:33	01/20/22 13:08	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL4

Lab Sample ID: 880-10289-4

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	457		5.00	mg/Kg			01/23/22 14:55	1

Client Sample ID: FL5

Lab Sample ID: 880-10289-5

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/18/22 23:41	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/18/22 23:41	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/18/22 23:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 10:00	01/18/22 23:41	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/18/22 23:41	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 10:00	01/18/22 23:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130			01/18/22 10:00	01/18/22 23:41	1
1,4-Difluorobenzene (Surr)	126		70 - 130			01/18/22 10:00	01/18/22 23:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 13:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 13:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 13:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			01/18/22 13:33	01/20/22 13:28	1
o-Terphenyl	99		70 - 130			01/18/22 13:33	01/20/22 13:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1020		5.00	mg/Kg			01/23/22 15:01	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL6

Lab Sample ID: 880-10289-6

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 00:01	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 00:01	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 00:01	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/18/22 10:00	01/19/22 00:01	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 00:01	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/18/22 10:00	01/19/22 00:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/18/22 10:00	01/19/22 00:01	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/18/22 10:00	01/19/22 00:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 13:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 13:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 13:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	01/18/22 13:33	01/20/22 13:49	1
o-Terphenyl	94		70 - 130	01/18/22 13:33	01/20/22 13:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	500		4.99	mg/Kg			01/23/22 15:07	1

Client Sample ID: FL7

Lab Sample ID: 880-10289-7

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 00:22	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 00:22	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 00:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 00:22	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 00:22	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 00:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/18/22 10:00	01/19/22 00:22	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL7

Lab Sample ID: 880-10289-7

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	88		70 - 130	01/18/22 10:00	01/19/22 00:22	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 14:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 14:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 14:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130			01/18/22 13:33	01/20/22 14:10	1
o-Terphenyl	113		70 - 130			01/18/22 13:33	01/20/22 14:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	446		5.04	mg/Kg			01/23/22 15:26	1

Client Sample ID: FL8

Lab Sample ID: 880-10289-8

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 00:42	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 00:42	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 00:42	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		01/18/22 10:00	01/19/22 00:42	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 00:42	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		01/18/22 10:00	01/19/22 00:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/18/22 10:00	01/19/22 00:42	1
1,4-Difluorobenzene (Surr)	62	S1-	70 - 130	01/18/22 10:00	01/19/22 00:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL8

Lab Sample ID: 880-10289-8

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 14:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 14:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 14:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130			01/18/22 13:33	01/20/22 14:31	1
o-Terphenyl	92		70 - 130			01/18/22 13:33	01/20/22 14:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	569		4.97	mg/Kg			01/23/22 15:33	1

Client Sample ID: FL9

Lab Sample ID: 880-10289-9

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 01:03	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 01:03	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 01:03	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		01/18/22 10:00	01/19/22 01:03	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 01:03	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		01/18/22 10:00	01/19/22 01:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130			01/18/22 10:00	01/19/22 01:03	1
1,4-Difluorobenzene (Surr)	93		70 - 130			01/18/22 10:00	01/19/22 01:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		01/18/22 13:33	01/20/22 14:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/18/22 13:33	01/20/22 14:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/18/22 13:33	01/20/22 14:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130			01/18/22 13:33	01/20/22 14:52	1
o-Terphenyl	97		70 - 130			01/18/22 13:33	01/20/22 14:52	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL9

Lab Sample ID: 880-10289-9

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	475		4.98	mg/Kg			01/23/22 15:39	1

Client Sample ID: FL10

Lab Sample ID: 880-10289-10

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 01:23	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 01:23	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 01:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 01:23	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 01:23	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 01:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130			01/18/22 10:00	01/19/22 01:23	1
1,4-Difluorobenzene (Surr)	82		70 - 130			01/18/22 10:00	01/19/22 01:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 15:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 15:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 15:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130			01/18/22 13:33	01/20/22 15:13	1
o-Terphenyl	113		70 - 130			01/18/22 13:33	01/20/22 15:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	261		5.00	mg/Kg			01/23/22 15:46	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL11

Lab Sample ID: 880-10289-11

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 02:46	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 02:46	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 02:46	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/18/22 10:00	01/19/22 02:46	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 02:46	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/18/22 10:00	01/19/22 02:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130	01/18/22 10:00	01/19/22 02:46	1
1,4-Difluorobenzene (Surr)	115		70 - 130	01/18/22 10:00	01/19/22 02:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		01/18/22 13:33	01/20/22 15:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/18/22 13:33	01/20/22 15:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/18/22 13:33	01/20/22 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	01/18/22 13:33	01/20/22 15:56	1
o-Terphenyl	98		70 - 130	01/18/22 13:33	01/20/22 15:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	509		4.99	mg/Kg			01/23/22 15:52	1

Client Sample ID: FL12

Lab Sample ID: 880-10289-12

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 03:07	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 03:07	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 03:07	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		01/18/22 10:00	01/19/22 03:07	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 03:07	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/18/22 10:00	01/19/22 03:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	01/18/22 10:00	01/19/22 03:07	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL12

Lab Sample ID: 880-10289-12

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	70		70 - 130	01/18/22 10:00	01/19/22 03:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		01/18/22 13:33	01/20/22 16:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/18/22 13:33	01/20/22 16:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/18/22 13:33	01/20/22 16:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130			01/18/22 13:33	01/20/22 16:17	1
o-Terphenyl	98		70 - 130			01/18/22 13:33	01/20/22 16:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	560	F1	5.01	mg/Kg			01/23/22 15:58	1

Client Sample ID: FL13

Lab Sample ID: 880-10289-13

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 03:27	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 03:27	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 03:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 03:27	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 03:27	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 03:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/18/22 10:00	01/19/22 03:27	1
1,4-Difluorobenzene (Surr)	70		70 - 130	01/18/22 10:00	01/19/22 03:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL13

Lab Sample ID: 880-10289-13

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 16:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 16:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 16:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130			01/18/22 13:33	01/20/22 16:38	1
o-Terphenyl	113		70 - 130			01/18/22 13:33	01/20/22 16:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	511		4.99	mg/Kg			01/23/22 16:17	1

Client Sample ID: FL14

Lab Sample ID: 880-10289-14

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 03:48	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 03:48	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 03:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 03:48	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 03:48	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 03:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130			01/18/22 10:00	01/19/22 03:48	1
1,4-Difluorobenzene (Surr)	99		70 - 130			01/18/22 10:00	01/19/22 03:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 16:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 16:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 16:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130			01/18/22 13:33	01/20/22 16:59	1
o-Terphenyl	113		70 - 130			01/18/22 13:33	01/20/22 16:59	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL14

Lab Sample ID: 880-10289-14

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	464		5.00	mg/Kg			01/23/22 16:24	1

Client Sample ID: FL15

Lab Sample ID: 880-10289-15

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 04:08	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 04:08	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 04:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 10:00	01/19/22 04:08	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 04:08	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 10:00	01/19/22 04:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			01/18/22 10:00	01/19/22 04:08	1
1,4-Difluorobenzene (Surr)	116		70 - 130			01/18/22 10:00	01/19/22 04:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		01/18/22 13:33	01/20/22 17:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/18/22 13:33	01/20/22 17:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/18/22 13:33	01/20/22 17:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130			01/18/22 13:33	01/20/22 17:19	1
o-Terphenyl	118		70 - 130			01/18/22 13:33	01/20/22 17:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	518		5.00	mg/Kg			01/23/22 16:43	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL16

Lab Sample ID: 880-10289-16

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg	-	01/18/22 10:00	01/19/22 04:29	1
Toluene	<0.00201	U	0.00201	mg/Kg	-	01/18/22 10:00	01/19/22 04:29	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg	-	01/18/22 10:00	01/19/22 04:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg	-	01/18/22 10:00	01/19/22 04:29	1
o-Xylene	<0.00201	U	0.00201	mg/Kg	-	01/18/22 10:00	01/19/22 04:29	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg	-	01/18/22 10:00	01/19/22 04:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/18/22 10:00	01/19/22 04:29	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/18/22 10:00	01/19/22 04:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg	-		01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg	-		01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg	-	01/18/22 13:33	01/20/22 17:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg	-	01/18/22 13:33	01/20/22 17:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg	-	01/18/22 13:33	01/20/22 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	01/18/22 13:33	01/20/22 17:41	1
o-Terphenyl	94		70 - 130	01/18/22 13:33	01/20/22 17:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	519		4.97	mg/Kg	-		01/23/22 16:49	1

Client Sample ID: FL17

Lab Sample ID: 880-10289-17

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg	-	01/18/22 10:00	01/19/22 04:49	1
Toluene	<0.00202	U	0.00202	mg/Kg	-	01/18/22 10:00	01/19/22 04:49	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg	-	01/18/22 10:00	01/19/22 04:49	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg	-	01/18/22 10:00	01/19/22 04:49	1
o-Xylene	<0.00202	U	0.00202	mg/Kg	-	01/18/22 10:00	01/19/22 04:49	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg	-	01/18/22 10:00	01/19/22 04:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	01/18/22 10:00	01/19/22 04:49	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL17

Lab Sample ID: 880-10289-17

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	71		70 - 130	01/18/22 10:00	01/19/22 04:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 18:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 18:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 18:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130			01/18/22 13:33	01/20/22 18:01	1
o-Terphenyl	115		70 - 130			01/18/22 13:33	01/20/22 18:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	566		4.95	mg/Kg			01/23/22 16:55	1

Client Sample ID: FL18

Lab Sample ID: 880-10289-18

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 05:10	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 05:10	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 05:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 05:10	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 05:10	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 05:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	01/18/22 10:00	01/19/22 05:10	1
1,4-Difluorobenzene (Surr)	134	S1+	70 - 130	01/18/22 10:00	01/19/22 05:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL18

Lab Sample ID: 880-10289-18

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 18:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 18:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 18:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130			01/18/22 13:33	01/20/22 18:22	1
o-Terphenyl	99		70 - 130			01/18/22 13:33	01/20/22 18:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	566		5.04	mg/Kg			01/23/22 17:02	1

Client Sample ID: FL19

Lab Sample ID: 880-10289-19

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 05:30	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 05:30	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 05:30	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/18/22 10:00	01/19/22 05:30	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 05:30	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/18/22 10:00	01/19/22 05:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	186	S1+	70 - 130			01/18/22 10:00	01/19/22 05:30	1
1,4-Difluorobenzene (Surr)	83		70 - 130			01/18/22 10:00	01/19/22 05:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 18:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 18:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:33	01/20/22 18:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			01/18/22 13:33	01/20/22 18:43	1
o-Terphenyl	99		70 - 130			01/18/22 13:33	01/20/22 18:43	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL19

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 2"

Lab Sample ID: 880-10289-19

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	517		4.99	mg/Kg			01/23/22 17:08	1

Client Sample ID: FL20

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 2"

Lab Sample ID: 880-10289-20

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/18/22 10:00	01/19/22 05:51	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/18/22 10:00	01/19/22 05:51	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/18/22 10:00	01/19/22 05:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/18/22 10:00	01/19/22 05:51	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/18/22 10:00	01/19/22 05:51	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/18/22 10:00	01/19/22 05:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			01/18/22 10:00	01/19/22 05:51	1
1,4-Difluorobenzene (Surr)	71		70 - 130			01/18/22 10:00	01/19/22 05:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 19:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 19:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 19:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			01/18/22 13:33	01/20/22 19:03	1
o-Terphenyl	99		70 - 130			01/18/22 13:33	01/20/22 19:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	462		5.02	mg/Kg			01/23/22 17:14	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL21

Lab Sample ID: 880-10289-21

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F1	0.00198	mg/Kg		01/18/22 10:00	01/18/22 23:16	1
Toluene	<0.00198	U F1	0.00198	mg/Kg		01/18/22 10:00	01/18/22 23:16	1
Ethylbenzene	<0.00198	U F1	0.00198	mg/Kg		01/18/22 10:00	01/18/22 23:16	1
m-Xylene & p-Xylene	<0.00396	U F1	0.00396	mg/Kg		01/18/22 10:00	01/18/22 23:16	1
o-Xylene	<0.00198	U F1	0.00198	mg/Kg		01/18/22 10:00	01/18/22 23:16	1
Xylenes, Total	<0.00396	U F1	0.00396	mg/Kg		01/18/22 10:00	01/18/22 23:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	01/18/22 10:00	01/18/22 23:16	1
1,4-Difluorobenzene (Surr)	138	S1+	70 - 130	01/18/22 10:00	01/18/22 23:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 11:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 11:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 11:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	01/18/22 15:33	01/19/22 11:12	1
o-Terphenyl	92		70 - 130	01/18/22 15:33	01/19/22 11:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	296		4.97	mg/Kg			01/23/22 17:21	1

Client Sample ID: FL22

Lab Sample ID: 880-10289-22

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/18/22 23:36	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/18/22 23:36	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/18/22 23:36	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/18/22 10:00	01/18/22 23:36	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/18/22 23:36	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/18/22 10:00	01/18/22 23:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/18/22 10:00	01/18/22 23:36	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL22

Lab Sample ID: 880-10289-22

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	88		70 - 130	01/18/22 10:00	01/18/22 23:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 12:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 12:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 12:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130			01/18/22 15:33	01/19/22 12:16	1
o-Terphenyl	96		70 - 130			01/18/22 15:33	01/19/22 12:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330	F1	5.00	mg/Kg			01/21/22 19:24	1

Client Sample ID: FL23

Lab Sample ID: 880-10289-23

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/18/22 23:57	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/18/22 23:57	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/18/22 23:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/18/22 23:57	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/18/22 23:57	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/18/22 23:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/18/22 10:00	01/18/22 23:57	1
1,4-Difluorobenzene (Surr)	86		70 - 130	01/18/22 10:00	01/18/22 23:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL23

Lab Sample ID: 880-10289-23

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 12:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 12:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 12:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130			01/18/22 15:33	01/19/22 12:37	1
o-Terphenyl	104		70 - 130			01/18/22 15:33	01/19/22 12:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		4.99	mg/Kg			01/21/22 19:46	1

Client Sample ID: FL24

Lab Sample ID: 880-10289-24

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 00:17	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 00:17	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 00:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 10:00	01/19/22 00:17	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 00:17	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 10:00	01/19/22 00:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130			01/18/22 10:00	01/19/22 00:17	1
1,4-Difluorobenzene (Surr)	83		70 - 130			01/18/22 10:00	01/19/22 00:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 12:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 12:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 12:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130			01/18/22 15:33	01/19/22 12:57	1
o-Terphenyl	84		70 - 130			01/18/22 15:33	01/19/22 12:57	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL24

Lab Sample ID: 880-10289-24

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	235		4.95	mg/Kg			01/21/22 19:54	1

Client Sample ID: FL25

Lab Sample ID: 880-10289-25

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 00:38	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 00:38	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 00:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 00:38	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 00:38	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 00:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130			01/18/22 10:00	01/19/22 00:38	1
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130			01/18/22 10:00	01/19/22 00:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 13:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 13:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 13:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130			01/18/22 15:33	01/19/22 13:19	1
o-Terphenyl	93		70 - 130			01/18/22 15:33	01/19/22 13:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.1		5.04	mg/Kg			01/21/22 20:01	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL26

Lab Sample ID: 880-10289-26

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 00:58	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 00:58	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 00:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 00:58	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 00:58	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 00:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	01/18/22 10:00	01/19/22 00:58	1
1,4-Difluorobenzene (Surr)	170	S1+	70 - 130	01/18/22 10:00	01/19/22 00:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 13:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 13:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	01/18/22 15:33	01/19/22 13:40	1
o-Terphenyl	90		70 - 130	01/18/22 15:33	01/19/22 13:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		4.97	mg/Kg			01/21/22 20:09	1

Client Sample ID: FL27

Lab Sample ID: 880-10289-27

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 01:19	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 01:19	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 01:19	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/18/22 10:00	01/19/22 01:19	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 01:19	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/18/22 10:00	01/19/22 01:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/18/22 10:00	01/19/22 01:19	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL27

Lab Sample ID: 880-10289-27

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	124		70 - 130	01/18/22 10:00	01/19/22 01:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 14:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 14:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 14:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130			01/18/22 15:33	01/19/22 14:01	1
o-Terphenyl	92		70 - 130			01/18/22 15:33	01/19/22 14:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.8		4.98	mg/Kg			01/21/22 20:31	1

Client Sample ID: FL128

Lab Sample ID: 880-10289-28

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 01:39	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 01:39	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 01:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 10:00	01/19/22 01:39	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 01:39	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 10:00	01/19/22 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	01/18/22 10:00	01/19/22 01:39	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/18/22 10:00	01/19/22 01:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL128

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 2"

Lab Sample ID: 880-10289-28

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 14:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 14:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 14:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			01/18/22 15:33	01/19/22 14:22	1
o-Terphenyl	96		70 - 130			01/18/22 15:33	01/19/22 14:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.3		5.02	mg/Kg			01/21/22 20:39	1

Client Sample ID: FL29

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 2"

Lab Sample ID: 880-10289-29

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/18/22 10:00	01/19/22 02:00	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/18/22 10:00	01/19/22 02:00	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/18/22 10:00	01/19/22 02:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/18/22 10:00	01/19/22 02:00	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/18/22 10:00	01/19/22 02:00	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/18/22 10:00	01/19/22 02:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130			01/18/22 10:00	01/19/22 02:00	1
1,4-Difluorobenzene (Surr)	72		70 - 130			01/18/22 10:00	01/19/22 02:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 14:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 14:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 14:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130			01/18/22 15:33	01/19/22 14:42	1
o-Terphenyl	96		70 - 130			01/18/22 15:33	01/19/22 14:42	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL29

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 2"

Lab Sample ID: 880-10289-29

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	171		5.00	mg/Kg			01/21/22 20:47	1

Client Sample ID: FL30

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 2"

Lab Sample ID: 880-10289-30

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 02:20	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 02:20	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 02:20	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 10:00	01/19/22 02:20	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 02:20	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 10:00	01/19/22 02:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130			01/18/22 10:00	01/19/22 02:20	1
1,4-Difluorobenzene (Surr)	75		70 - 130			01/18/22 10:00	01/19/22 02:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 15:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 15:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 15:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130			01/18/22 15:33	01/19/22 15:03	1
o-Terphenyl	113		70 - 130			01/18/22 15:33	01/19/22 15:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		4.99	mg/Kg			01/21/22 20:54	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL31

Lab Sample ID: 880-10289-31

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 04:11	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 04:11	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 04:11	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 10:00	01/19/22 04:11	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 04:11	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 10:00	01/19/22 04:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	01/18/22 10:00	01/19/22 04:11	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/18/22 10:00	01/19/22 04:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 15:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 15:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	01/18/22 15:33	01/19/22 15:45	1
o-Terphenyl	113		70 - 130	01/18/22 15:33	01/19/22 15:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		5.00	mg/Kg			01/21/22 21:02	1

Client Sample ID: FL32

Lab Sample ID: 880-10289-32

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 04:31	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 04:31	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 04:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 10:00	01/19/22 04:31	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 04:31	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 10:00	01/19/22 04:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	01/18/22 10:00	01/19/22 04:31	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL32

Lab Sample ID: 880-10289-32

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	124		70 - 130	01/18/22 10:00	01/19/22 04:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 16:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 16:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 16:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130			01/18/22 15:33	01/19/22 16:05	1
o-Terphenyl	95		70 - 130			01/18/22 15:33	01/19/22 16:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	168	F1	4.97	mg/Kg			01/21/22 21:09	1

Client Sample ID: FL33

Lab Sample ID: 880-10289-33

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 04:52	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 04:52	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 04:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 04:52	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 04:52	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 04:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	01/18/22 10:00	01/19/22 04:52	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/18/22 10:00	01/19/22 04:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL33

Lab Sample ID: 880-10289-33

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 16:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 16:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 16:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130			01/18/22 15:33	01/19/22 16:26	1
o-Terphenyl	108		70 - 130			01/18/22 15:33	01/19/22 16:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	191		5.00	mg/Kg			01/21/22 21:32	1

Client Sample ID: FL34

Lab Sample ID: 880-10289-34

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 05:12	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 05:12	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 05:12	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/18/22 10:00	01/19/22 05:12	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 05:12	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/18/22 10:00	01/19/22 05:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130			01/18/22 10:00	01/19/22 05:12	1
1,4-Difluorobenzene (Surr)	124		70 - 130			01/18/22 10:00	01/19/22 05:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 16:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 16:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 16:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130			01/18/22 15:33	01/19/22 16:47	1
o-Terphenyl	98		70 - 130			01/18/22 15:33	01/19/22 16:47	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL34

Lab Sample ID: 880-10289-34

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	327		4.99	mg/Kg			01/21/22 21:39	1

Client Sample ID: FL35

Lab Sample ID: 880-10289-35

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 05:33	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 05:33	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 05:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 05:33	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 05:33	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 05:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130			01/18/22 10:00	01/19/22 05:33	1
1,4-Difluorobenzene (Surr)	93		70 - 130			01/18/22 10:00	01/19/22 05:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 17:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 17:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 17:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			01/18/22 15:33	01/19/22 17:19	1
o-Terphenyl	98		70 - 130			01/18/22 15:33	01/19/22 17:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.2		5.00	mg/Kg			01/21/22 22:02	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL36

Lab Sample ID: 880-10289-36

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 05:53	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 05:53	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 05:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/18/22 10:00	01/19/22 05:53	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/19/22 05:53	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/18/22 10:00	01/19/22 05:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	01/18/22 10:00	01/19/22 05:53	1
1,4-Difluorobenzene (Surr)	74		70 - 130	01/18/22 10:00	01/19/22 05:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 17:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 17:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	01/18/22 15:33	01/19/22 17:39	1
o-Terphenyl	99		70 - 130	01/18/22 15:33	01/19/22 17:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.1		4.95	mg/Kg			01/21/22 22:10	1

Client Sample ID: FL37

Lab Sample ID: 880-10289-37

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 06:13	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 06:13	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 06:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/18/22 10:00	01/19/22 06:13	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 06:13	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/18/22 10:00	01/19/22 06:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/18/22 10:00	01/19/22 06:13	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL37

Lab Sample ID: 880-10289-37

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	99		70 - 130	01/18/22 10:00	01/19/22 06:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 18:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 18:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 18:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130			01/18/22 15:33	01/19/22 18:00	1
o-Terphenyl	88		70 - 130			01/18/22 15:33	01/19/22 18:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.5		5.02	mg/Kg			01/21/22 22:17	1

Client Sample ID: FL38

Lab Sample ID: 880-10289-38

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 06:34	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 06:34	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 06:34	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/18/22 10:00	01/19/22 06:34	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/18/22 10:00	01/19/22 06:34	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/18/22 10:00	01/19/22 06:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/18/22 10:00	01/19/22 06:34	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/18/22 10:00	01/19/22 06:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL38

Lab Sample ID: 880-10289-38

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 18:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 18:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 18:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130			01/18/22 15:33	01/19/22 18:21	1
o-Terphenyl	100		70 - 130			01/18/22 15:33	01/19/22 18:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	233		5.04	mg/Kg			01/21/22 22:25	1

Client Sample ID: FL39

Lab Sample ID: 880-10289-39

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 06:54	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 06:54	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 06:54	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		01/18/22 10:00	01/19/22 06:54	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 10:00	01/19/22 06:54	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/18/22 10:00	01/19/22 06:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130			01/18/22 10:00	01/19/22 06:54	1
1,4-Difluorobenzene (Surr)	91		70 - 130			01/18/22 10:00	01/19/22 06:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 18:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 18:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:33	01/19/22 18:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130			01/18/22 15:33	01/19/22 18:41	1
o-Terphenyl	96		70 - 130			01/18/22 15:33	01/19/22 18:41	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL39

Lab Sample ID: 880-10289-39

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	258		4.98	mg/Kg			01/21/22 22:32	1

Client Sample ID: FL40

Lab Sample ID: 880-10289-40

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 07:15	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 07:15	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 07:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 07:15	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 10:00	01/19/22 07:15	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 10:00	01/19/22 07:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			01/18/22 10:00	01/19/22 07:15	1
1,4-Difluorobenzene (Surr)	91		70 - 130			01/18/22 10:00	01/19/22 07:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 19:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 19:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 19:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130			01/18/22 15:33	01/19/22 19:02	1
o-Terphenyl	100		70 - 130			01/18/22 15:33	01/19/22 19:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	445		4.95	mg/Kg			01/21/22 22:40	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL41

Lab Sample ID: 880-10289-41

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200	mg/Kg		01/18/22 09:14	01/18/22 20:51	1
Toluene	<0.00200	U F1 F2	0.00200	mg/Kg		01/18/22 09:14	01/18/22 20:51	1
Ethylbenzene	<0.00200	U F1 F2	0.00200	mg/Kg		01/18/22 09:14	01/18/22 20:51	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399	mg/Kg		01/18/22 09:14	01/18/22 20:51	1
o-Xylene	<0.00200	U F1	0.00200	mg/Kg		01/18/22 09:14	01/18/22 20:51	1
Xylenes, Total	<0.00399	U F1	0.00399	mg/Kg		01/18/22 09:14	01/18/22 20:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	01/18/22 09:14	01/18/22 20:51	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/18/22 09:14	01/18/22 20:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 11:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 11:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 11:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130	01/18/22 15:42	01/19/22 11:18	1
o-Terphenyl	81		70 - 130	01/18/22 15:42	01/19/22 11:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.4		5.00	mg/Kg			01/21/22 22:47	1

Client Sample ID: FL42

Lab Sample ID: 880-10289-42

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/18/22 21:19	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/18/22 21:19	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/18/22 21:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:14	01/18/22 21:19	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/18/22 21:19	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:14	01/18/22 21:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	01/18/22 09:14	01/18/22 21:19	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL42

Lab Sample ID: 880-10289-42

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	01/18/22 09:14	01/18/22 21:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 12:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 12:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 12:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130			01/18/22 15:42	01/19/22 12:22	1
o-Terphenyl	79		70 - 130			01/18/22 15:42	01/19/22 12:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.6	F1	4.95	mg/Kg			01/21/22 17:18	1

Client Sample ID: FL43

Lab Sample ID: 880-10289-43

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:14	01/18/22 21:46	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:14	01/18/22 21:46	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:14	01/18/22 21:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:14	01/18/22 21:46	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:14	01/18/22 21:46	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:14	01/18/22 21:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	01/18/22 09:14	01/18/22 21:46	1
1,4-Difluorobenzene (Surr)	86		70 - 130	01/18/22 09:14	01/18/22 21:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL43

Lab Sample ID: 880-10289-43

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 12:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 12:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 12:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130			01/18/22 15:42	01/19/22 12:44	1
o-Terphenyl	87		70 - 130			01/18/22 15:42	01/19/22 12:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.3		5.04	mg/Kg			01/21/22 17:54	1

Client Sample ID: FL44

Lab Sample ID: 880-10289-44

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:14	01/18/22 22:14	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:14	01/18/22 22:14	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:14	01/18/22 22:14	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/18/22 09:14	01/18/22 22:14	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:14	01/18/22 22:14	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/18/22 09:14	01/18/22 22:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130			01/18/22 09:14	01/18/22 22:14	1
1,4-Difluorobenzene (Surr)	79		70 - 130			01/18/22 09:14	01/18/22 22:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 13:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 13:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 13:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130			01/18/22 15:42	01/19/22 13:05	1
o-Terphenyl	87		70 - 130			01/18/22 15:42	01/19/22 13:05	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL44

Lab Sample ID: 880-10289-44

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.2		4.99	mg/Kg			01/21/22 18:05	1

Client Sample ID: FL45

Lab Sample ID: 880-10289-45

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/18/22 22:42	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/18/22 22:42	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/18/22 22:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:14	01/18/22 22:42	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/18/22 22:42	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:14	01/18/22 22:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130			01/18/22 09:14	01/18/22 22:42	1
1,4-Difluorobenzene (Surr)	72		70 - 130			01/18/22 09:14	01/18/22 22:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 13:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 13:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 13:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			01/18/22 15:42	01/19/22 13:26	1
o-Terphenyl	79		70 - 130			01/18/22 15:42	01/19/22 13:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.17		5.00	mg/Kg			01/21/22 18:17	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL46

Lab Sample ID: 880-10289-46

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:14	01/18/22 23:10	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:14	01/18/22 23:10	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:14	01/18/22 23:10	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		01/18/22 09:14	01/18/22 23:10	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:14	01/18/22 23:10	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/18/22 09:14	01/18/22 23:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	01/18/22 09:14	01/18/22 23:10	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/18/22 09:14	01/18/22 23:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 13:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 13:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 13:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	01/18/22 15:42	01/19/22 13:48	1
o-Terphenyl	78		70 - 130	01/18/22 15:42	01/19/22 13:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.8		4.97	mg/Kg			01/21/22 18:29	1

Client Sample ID: FL47

Lab Sample ID: 880-10289-47

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:14	01/18/22 23:37	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:14	01/18/22 23:37	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:14	01/18/22 23:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:14	01/18/22 23:37	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:14	01/18/22 23:37	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:14	01/18/22 23:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	01/18/22 09:14	01/18/22 23:37	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL47

Lab Sample ID: 880-10289-47

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	77		70 - 130	01/18/22 09:14	01/18/22 23:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 14:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 14:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 14:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130			01/18/22 15:42	01/19/22 14:09	1
o-Terphenyl	74		70 - 130			01/18/22 15:42	01/19/22 14:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.2		4.96	mg/Kg			01/21/22 19:05	1

Client Sample ID: FL48

Lab Sample ID: 880-10289-48

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:14	01/19/22 00:05	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:14	01/19/22 00:05	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:14	01/19/22 00:05	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/18/22 09:14	01/19/22 00:05	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:14	01/19/22 00:05	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/18/22 09:14	01/19/22 00:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/18/22 09:14	01/19/22 00:05	1
1,4-Difluorobenzene (Surr)	70		70 - 130	01/18/22 09:14	01/19/22 00:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL48

Lab Sample ID: 880-10289-48

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 14:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 14:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 14:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130			01/18/22 15:42	01/19/22 14:30	1
o-Terphenyl	75		70 - 130			01/18/22 15:42	01/19/22 14:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.7		5.00	mg/Kg			01/21/22 19:17	1

Client Sample ID: FL49

Lab Sample ID: 880-10289-49

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 00:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 00:33	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 00:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/18/22 09:14	01/19/22 00:33	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 00:33	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/18/22 09:14	01/19/22 00:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			01/18/22 09:14	01/19/22 00:33	1
1,4-Difluorobenzene (Surr)	74		70 - 130			01/18/22 09:14	01/19/22 00:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		01/18/22 15:42	01/19/22 14:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/18/22 15:42	01/19/22 14:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/18/22 15:42	01/19/22 14:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130			01/18/22 15:42	01/19/22 14:51	1
o-Terphenyl	75		70 - 130			01/18/22 15:42	01/19/22 14:51	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL49

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 2"

Lab Sample ID: 880-10289-49

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.2		4.98	mg/Kg			01/21/22 19:29	1

Client Sample ID: FL50

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 2"

Lab Sample ID: 880-10289-50

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 01:01	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 01:01	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 01:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/18/22 09:14	01/19/22 01:01	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 01:01	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/18/22 09:14	01/19/22 01:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130			01/18/22 09:14	01/19/22 01:01	1
1,4-Difluorobenzene (Surr)	78		70 - 130			01/18/22 09:14	01/19/22 01:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 15:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 15:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 15:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130			01/18/22 15:42	01/19/22 15:12	1
o-Terphenyl	86		70 - 130			01/18/22 15:42	01/19/22 15:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.9		4.97	mg/Kg			01/21/22 19:40	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL51

Lab Sample ID: 880-10289-51

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:14	01/19/22 02:53	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:14	01/19/22 02:53	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:14	01/19/22 02:53	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		01/18/22 09:14	01/19/22 02:53	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:14	01/19/22 02:53	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/18/22 09:14	01/19/22 02:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/18/22 09:14	01/19/22 02:53	1
1,4-Difluorobenzene (Surr)	74		70 - 130	01/18/22 09:14	01/19/22 02:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 15:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 15:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130	01/18/22 15:42	01/19/22 15:53	1
o-Terphenyl	77		70 - 130	01/18/22 15:42	01/19/22 15:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		5.00	mg/Kg			01/21/22 19:52	1

Client Sample ID: FL52

Lab Sample ID: 880-10289-52

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 03:21	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 03:21	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 03:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 09:14	01/19/22 03:21	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 03:21	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 09:14	01/19/22 03:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	01/18/22 09:14	01/19/22 03:21	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL52

Lab Sample ID: 880-10289-52

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	88		70 - 130	01/18/22 09:14	01/19/22 03:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 16:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 16:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 16:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130			01/18/22 15:42	01/19/22 16:14	1
o-Terphenyl	85		70 - 130			01/18/22 15:42	01/19/22 16:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	270		4.95	mg/Kg			01/21/22 20:04	1

Client Sample ID: FL53

Lab Sample ID: 880-10289-53

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:14	01/19/22 03:49	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:14	01/19/22 03:49	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:14	01/19/22 03:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/18/22 09:14	01/19/22 03:49	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:14	01/19/22 03:49	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/18/22 09:14	01/19/22 03:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	01/18/22 09:14	01/19/22 03:49	1
1,4-Difluorobenzene (Surr)	73		70 - 130	01/18/22 09:14	01/19/22 03:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL53

Lab Sample ID: 880-10289-53

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 16:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 16:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 16:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130			01/18/22 15:42	01/19/22 16:35	1
o-Terphenyl	83		70 - 130			01/18/22 15:42	01/19/22 16:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	157		5.01	mg/Kg			01/21/22 20:40	1

Client Sample ID: FL54

Lab Sample ID: 880-10289-54

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:14	01/19/22 04:16	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:14	01/19/22 04:16	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:14	01/19/22 04:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:14	01/19/22 04:16	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:14	01/19/22 04:16	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:14	01/19/22 04:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130			01/18/22 09:14	01/19/22 04:16	1
1,4-Difluorobenzene (Surr)	71		70 - 130			01/18/22 09:14	01/19/22 04:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 16:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 16:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 16:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130			01/18/22 15:42	01/19/22 16:55	1
o-Terphenyl	72		70 - 130			01/18/22 15:42	01/19/22 16:55	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL54

Lab Sample ID: 880-10289-54

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	195		4.97	mg/Kg			01/21/22 20:52	1

Client Sample ID: FL55

Lab Sample ID: 880-10289-55

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:14	01/19/22 04:44	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:14	01/19/22 04:44	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:14	01/19/22 04:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/18/22 09:14	01/19/22 04:44	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:14	01/19/22 04:44	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/18/22 09:14	01/19/22 04:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130			01/18/22 09:14	01/19/22 04:44	1
1,4-Difluorobenzene (Surr)	89		70 - 130			01/18/22 09:14	01/19/22 04:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 17:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 17:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 17:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130			01/18/22 15:42	01/19/22 17:20	1
o-Terphenyl	82		70 - 130			01/18/22 15:42	01/19/22 17:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		5.05	mg/Kg			01/20/22 01:26	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL56

Lab Sample ID: 880-10289-56

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:14	01/19/22 05:12	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:14	01/19/22 05:12	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:14	01/19/22 05:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:14	01/19/22 05:12	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:14	01/19/22 05:12	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:14	01/19/22 05:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	01/18/22 09:14	01/19/22 05:12	1
1,4-Difluorobenzene (Surr)	116		70 - 130	01/18/22 09:14	01/19/22 05:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 17:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 17:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 17:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130	01/18/22 15:42	01/19/22 17:40	1
o-Terphenyl	78		70 - 130	01/18/22 15:42	01/19/22 17:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.6		4.99	mg/Kg			01/20/22 01:38	1

Client Sample ID: FL57

Lab Sample ID: 880-10289-57

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:14	01/19/22 05:39	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:14	01/19/22 05:39	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:14	01/19/22 05:39	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/18/22 09:14	01/19/22 05:39	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:14	01/19/22 05:39	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/18/22 09:14	01/19/22 05:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	01/18/22 09:14	01/19/22 05:39	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL57

Lab Sample ID: 880-10289-57

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	01/18/22 09:14	01/19/22 05:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 18:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 18:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 18:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130			01/18/22 15:42	01/19/22 18:01	1
o-Terphenyl	75		70 - 130			01/18/22 15:42	01/19/22 18:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.5		5.00	mg/Kg			01/20/22 01:49	1

Client Sample ID: FL58

Lab Sample ID: 880-10289-58

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:14	01/19/22 06:05	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:14	01/19/22 06:05	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:14	01/19/22 06:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/18/22 09:14	01/19/22 06:05	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:14	01/19/22 06:05	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/18/22 09:14	01/19/22 06:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/18/22 09:14	01/19/22 06:05	1
1,4-Difluorobenzene (Surr)	85		70 - 130	01/18/22 09:14	01/19/22 06:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL58

Lab Sample ID: 880-10289-58

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 18:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 18:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 18:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130			01/18/22 15:42	01/19/22 18:22	1
o-Terphenyl	76		70 - 130			01/18/22 15:42	01/19/22 18:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.7		5.05	mg/Kg			01/20/22 09:56	1

Client Sample ID: FL59

Lab Sample ID: 880-10289-59

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 06:32	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 06:32	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 06:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 09:14	01/19/22 06:32	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 06:32	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 09:14	01/19/22 06:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			01/18/22 09:14	01/19/22 06:32	1
1,4-Difluorobenzene (Surr)	83		70 - 130			01/18/22 09:14	01/19/22 06:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 18:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 18:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:42	01/19/22 18:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130			01/18/22 15:42	01/19/22 18:42	1
o-Terphenyl	83		70 - 130			01/18/22 15:42	01/19/22 18:42	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL59

Lab Sample ID: 880-10289-59

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.5		5.00	mg/Kg			01/20/22 10:31	1

Client Sample ID: FL60

Lab Sample ID: 880-10289-60

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 06:59	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 06:59	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 06:59	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 09:14	01/19/22 06:59	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/19/22 06:59	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 09:14	01/19/22 06:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			01/18/22 09:14	01/19/22 06:59	1
1,4-Difluorobenzene (Surr)	72		70 - 130			01/18/22 09:14	01/19/22 06:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 19:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 19:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 19:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130			01/18/22 15:42	01/19/22 19:03	1
o-Terphenyl	76		70 - 130			01/18/22 15:42	01/19/22 19:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.3		4.99	mg/Kg			01/20/22 10:43	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL61

Lab Sample ID: 880-10289-61

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200	mg/Kg		01/18/22 09:18	01/19/22 11:20	1
Toluene	<0.00200	U F2 F1	0.00200	mg/Kg		01/18/22 09:18	01/19/22 11:20	1
Ethylbenzene	<0.00200	U F2 F1	0.00200	mg/Kg		01/18/22 09:18	01/19/22 11:20	1
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.00399	mg/Kg		01/18/22 09:18	01/19/22 11:20	1
o-Xylene	<0.00200	U F1	0.00200	mg/Kg		01/18/22 09:18	01/19/22 11:20	1
Xylenes, Total	<0.00399	U F2 F1	0.00399	mg/Kg		01/18/22 09:18	01/19/22 11:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130	01/18/22 09:18	01/19/22 11:20	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/18/22 09:18	01/19/22 11:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 11:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 11:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 11:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130	01/18/22 15:46	01/19/22 11:18	1
o-Terphenyl	79		70 - 130	01/18/22 15:46	01/19/22 11:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.3		5.00	mg/Kg			01/20/22 10:55	1

Client Sample ID: FL62

Lab Sample ID: 880-10289-62

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 11:40	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 11:40	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 11:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:18	01/19/22 11:40	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 11:40	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:18	01/19/22 11:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130	01/18/22 09:18	01/19/22 11:40	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL62

Lab Sample ID: 880-10289-62

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	116		70 - 130	01/18/22 09:18	01/19/22 11:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 12:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 12:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 12:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130			01/18/22 15:46	01/19/22 12:22	1
o-Terphenyl	90		70 - 130			01/18/22 15:46	01/19/22 12:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.7		4.97	mg/Kg			01/20/22 11:07	1

Client Sample ID: FL63

Lab Sample ID: 880-10289-63

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 12:01	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 12:01	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 12:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:18	01/19/22 12:01	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 12:01	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:18	01/19/22 12:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	01/18/22 09:18	01/19/22 12:01	1
1,4-Difluorobenzene (Surr)	129		70 - 130	01/18/22 09:18	01/19/22 12:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL63

Lab Sample ID: 880-10289-63

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 12:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 12:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 12:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130			01/18/22 15:46	01/19/22 12:44	1
o-Terphenyl	92		70 - 130			01/18/22 15:46	01/19/22 12:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.9		5.00	mg/Kg			01/20/22 11:42	1

Client Sample ID: FL64

Lab Sample ID: 880-10289-64

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:18	01/19/22 12:21	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:18	01/19/22 12:21	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:18	01/19/22 12:21	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/18/22 09:18	01/19/22 12:21	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:18	01/19/22 12:21	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/18/22 09:18	01/19/22 12:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130			01/18/22 09:18	01/19/22 12:21	1
1,4-Difluorobenzene (Surr)	80		70 - 130			01/18/22 09:18	01/19/22 12:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 13:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 13:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 13:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130			01/18/22 15:46	01/19/22 13:05	1
o-Terphenyl	89		70 - 130			01/18/22 15:46	01/19/22 13:05	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL64

Lab Sample ID: 880-10289-64

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.49		5.04	mg/Kg			01/20/22 11:54	1

Client Sample ID: FL65

Lab Sample ID: 880-10289-65

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 12:42	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 12:42	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 12:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:18	01/19/22 12:42	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 12:42	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:18	01/19/22 12:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130			01/18/22 09:18	01/19/22 12:42	1
1,4-Difluorobenzene (Surr)	72		70 - 130			01/18/22 09:18	01/19/22 12:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 13:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 13:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 13:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130			01/18/22 15:46	01/19/22 13:26	1
o-Terphenyl	82		70 - 130			01/18/22 15:46	01/19/22 13:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		4.99	mg/Kg			01/20/22 12:06	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL66

Lab Sample ID: 880-10289-66

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 13:02	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 13:02	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 13:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:18	01/19/22 13:02	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 13:02	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:18	01/19/22 13:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	01/18/22 09:18	01/19/22 13:02	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/18/22 09:18	01/19/22 13:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 13:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 13:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 13:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	58	S1-	70 - 130	01/18/22 15:46	01/19/22 13:48	1
o-Terphenyl	53	S1-	70 - 130	01/18/22 15:46	01/19/22 13:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.5		4.98	mg/Kg			01/20/22 12:18	1

Client Sample ID: FL67

Lab Sample ID: 880-10289-67

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 13:22	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 13:22	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 13:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/18/22 09:18	01/19/22 13:22	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 13:22	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/18/22 09:18	01/19/22 13:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	01/18/22 09:18	01/19/22 13:22	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL67

Lab Sample ID: 880-10289-67

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	91		70 - 130	01/18/22 09:18	01/19/22 13:22	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 14:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 14:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 14:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	61	S1-	70 - 130			01/18/22 15:46	01/19/22 14:09	1
o-Terphenyl	57	S1-	70 - 130			01/18/22 15:46	01/19/22 14:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.9		5.00	mg/Kg			01/20/22 12:30	1

Client Sample ID: FL68

Lab Sample ID: 880-10289-68

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:18	01/19/22 13:43	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:18	01/19/22 13:43	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:18	01/19/22 13:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/18/22 09:18	01/19/22 13:43	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:18	01/19/22 13:43	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/18/22 09:18	01/19/22 13:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	01/18/22 09:18	01/19/22 13:43	1
1,4-Difluorobenzene (Surr)	79		70 - 130	01/18/22 09:18	01/19/22 13:43	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL68

Lab Sample ID: 880-10289-68

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 14:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 14:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 14:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	59	S1-	70 - 130			01/18/22 15:46	01/19/22 14:30	1
o-Terphenyl	54	S1-	70 - 130			01/18/22 15:46	01/19/22 14:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.9		4.96	mg/Kg			01/20/22 12:41	1

Client Sample ID: FL69

Lab Sample ID: 880-10289-69

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 14:03	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 14:03	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 14:03	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 09:18	01/19/22 14:03	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 14:03	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 09:18	01/19/22 14:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130			01/18/22 09:18	01/19/22 14:03	1
1,4-Difluorobenzene (Surr)	72		70 - 130			01/18/22 09:18	01/19/22 14:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		01/18/22 15:46	01/19/22 14:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/18/22 15:46	01/19/22 14:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/18/22 15:46	01/19/22 14:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	61	S1-	70 - 130			01/18/22 15:46	01/19/22 14:51	1
o-Terphenyl	55	S1-	70 - 130			01/18/22 15:46	01/19/22 14:51	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL69

Lab Sample ID: 880-10289-69

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.8		5.04	mg/Kg			01/20/22 13:17	1

Client Sample ID: FL70

Lab Sample ID: 880-10289-70

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 14:24	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 14:24	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 14:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 09:18	01/19/22 14:24	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 14:24	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 09:18	01/19/22 14:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130			01/18/22 09:18	01/19/22 14:24	1
1,4-Difluorobenzene (Surr)	110		70 - 130			01/18/22 09:18	01/19/22 14:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 15:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 15:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 15:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130			01/18/22 15:46	01/19/22 15:12	1
o-Terphenyl	64	S1-	70 - 130			01/18/22 15:46	01/19/22 15:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.2		4.99	mg/Kg			01/20/22 13:29	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL71

Lab Sample ID: 880-10289-71

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 16:14	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 16:14	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 16:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:18	01/19/22 16:14	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 16:14	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:18	01/19/22 16:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	01/18/22 09:18	01/19/22 16:14	1
1,4-Difluorobenzene (Surr)	125		70 - 130	01/18/22 09:18	01/19/22 16:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 15:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 15:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	61	S1-	70 - 130	01/18/22 15:46	01/19/22 15:53	1
o-Terphenyl	57	S1-	70 - 130	01/18/22 15:46	01/19/22 15:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	210		5.05	mg/Kg			01/20/22 14:04	1

Client Sample ID: FL72

Lab Sample ID: 880-10289-72

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:18	01/19/22 16:34	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:18	01/19/22 16:34	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:18	01/19/22 16:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/18/22 09:18	01/19/22 16:34	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:18	01/19/22 16:34	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/18/22 09:18	01/19/22 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/18/22 09:18	01/19/22 16:34	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL72

Lab Sample ID: 880-10289-72

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	88		70 - 130	01/18/22 09:18	01/19/22 16:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 16:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 16:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 16:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130			01/18/22 15:46	01/19/22 16:14	1
o-Terphenyl	57	S1-	70 - 130			01/18/22 15:46	01/19/22 16:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.1		4.99	mg/Kg			01/20/22 14:16	1

Client Sample ID: FL73

Lab Sample ID: 880-10289-73

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:18	01/19/22 16:55	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:18	01/19/22 16:55	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:18	01/19/22 16:55	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/18/22 09:18	01/19/22 16:55	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:18	01/19/22 16:55	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/18/22 09:18	01/19/22 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/18/22 09:18	01/19/22 16:55	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/18/22 09:18	01/19/22 16:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/20/22 12:43	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL73

Lab Sample ID: 880-10289-73

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		01/18/22 15:46	01/19/22 16:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/18/22 15:46	01/19/22 16:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/18/22 15:46	01/19/22 16:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	57	S1-	70 - 130			01/18/22 15:46	01/19/22 16:35	1
o-Terphenyl	51	S1-	70 - 130			01/18/22 15:46	01/19/22 16:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.1		5.00	mg/Kg			01/20/22 14:28	1

Client Sample ID: FL74

Lab Sample ID: 880-10289-74

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:18	01/19/22 17:15	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:18	01/19/22 17:15	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:18	01/19/22 17:15	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/18/22 09:18	01/19/22 17:15	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:18	01/19/22 17:15	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/18/22 09:18	01/19/22 17:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			01/18/22 09:18	01/19/22 17:15	1
1,4-Difluorobenzene (Surr)	114		70 - 130			01/18/22 09:18	01/19/22 17:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 16:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 16:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 16:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	61	S1-	70 - 130			01/18/22 15:46	01/19/22 16:55	1
o-Terphenyl	56	S1-	70 - 130			01/18/22 15:46	01/19/22 16:55	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL74

Lab Sample ID: 880-10289-74

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.7		5.00	mg/Kg			01/20/22 14:40	1

Client Sample ID: FL75

Lab Sample ID: 880-10289-75

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 17:36	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 17:36	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 17:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:18	01/19/22 17:36	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 17:36	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:18	01/19/22 17:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			01/18/22 09:18	01/19/22 17:36	1
1,4-Difluorobenzene (Surr)	91		70 - 130			01/18/22 09:18	01/19/22 17:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 17:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 17:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 17:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130			01/18/22 15:46	01/19/22 17:20	1
o-Terphenyl	59	S1-	70 - 130			01/18/22 15:46	01/19/22 17:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.3		4.98	mg/Kg			01/20/22 14:52	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL76

Lab Sample ID: 880-10289-76

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 17:56	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 17:56	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 17:56	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 09:18	01/19/22 17:56	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 17:56	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 09:18	01/19/22 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	01/18/22 09:18	01/19/22 17:56	1
1,4-Difluorobenzene (Surr)	101		70 - 130	01/18/22 09:18	01/19/22 17:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 17:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 17:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 17:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130	01/18/22 15:46	01/19/22 17:40	1
o-Terphenyl	57	S1-	70 - 130	01/18/22 15:46	01/19/22 17:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.1		4.95	mg/Kg			01/20/22 15:04	1

Client Sample ID: FL77

Lab Sample ID: 880-10289-77

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 18:16	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 18:16	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 18:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/18/22 09:18	01/19/22 18:16	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 18:16	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/18/22 09:18	01/19/22 18:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130	01/18/22 09:18	01/19/22 18:16	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL77

Lab Sample ID: 880-10289-77

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	72		70 - 130	01/18/22 09:18	01/19/22 18:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 18:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 18:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 18:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	61	S1-	70 - 130			01/18/22 15:46	01/19/22 18:01	1
o-Terphenyl	56	S1-	70 - 130			01/18/22 15:46	01/19/22 18:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.1		5.02	mg/Kg			01/20/22 15:15	1

Client Sample ID: FL78

Lab Sample ID: 880-10289-78

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:18	01/19/22 18:37	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:18	01/19/22 18:37	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:18	01/19/22 18:37	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		01/18/22 09:18	01/19/22 18:37	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:18	01/19/22 18:37	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		01/18/22 09:18	01/19/22 18:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	01/18/22 09:18	01/19/22 18:37	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/18/22 09:18	01/19/22 18:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL78

Lab Sample ID: 880-10289-78

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 18:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 18:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 18:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			01/18/22 15:46	01/19/22 18:22	1
o-Terphenyl	63	S1-	70 - 130			01/18/22 15:46	01/19/22 18:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.5	F1	4.98	mg/Kg			01/20/22 09:21	1

Client Sample ID: FL79

Lab Sample ID: 880-10289-79

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 18:57	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 18:57	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 18:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:18	01/19/22 18:57	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:18	01/19/22 18:57	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:18	01/19/22 18:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130			01/18/22 09:18	01/19/22 18:57	1
1,4-Difluorobenzene (Surr)	150	S1+	70 - 130			01/18/22 09:18	01/19/22 18:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 18:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 18:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 15:46	01/19/22 18:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130			01/18/22 15:46	01/19/22 18:42	1
o-Terphenyl	57	S1-	70 - 130			01/18/22 15:46	01/19/22 18:42	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL79

Lab Sample ID: 880-10289-79

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.5		5.04	mg/Kg			01/20/22 09:44	1

Client Sample ID: FL80

Lab Sample ID: 880-10289-80

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:18	01/19/22 19:18	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:18	01/19/22 19:18	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:18	01/19/22 19:18	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/18/22 09:18	01/19/22 19:18	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:18	01/19/22 19:18	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/18/22 09:18	01/19/22 19:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130			01/18/22 09:18	01/19/22 19:18	1
1,4-Difluorobenzene (Surr)	111		70 - 130			01/18/22 09:18	01/19/22 19:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 12:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 19:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 19:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 19:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130			01/18/22 15:46	01/19/22 19:03	1
o-Terphenyl	65	S1-	70 - 130			01/18/22 15:46	01/19/22 19:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.6		4.98	mg/Kg			01/20/22 09:52	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL81

Lab Sample ID: 880-10289-81

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 11:50	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 11:50	1
Ethylbenzene	<0.00200	U F2 F1	0.00200	mg/Kg		01/18/22 09:23	01/19/22 11:50	1
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.00399	mg/Kg		01/18/22 09:23	01/19/22 11:50	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 11:50	1
Xylenes, Total	<0.00399	U F1	0.00399	mg/Kg		01/18/22 09:23	01/19/22 11:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/18/22 09:23	01/19/22 11:50	1
1,4-Difluorobenzene (Surr)	91		70 - 130	01/18/22 09:23	01/19/22 11:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	49.9	mg/Kg		01/19/22 08:46	01/20/22 11:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 11:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 11:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130	01/19/22 08:46	01/20/22 11:21	1
o-Terphenyl	80		70 - 130	01/19/22 08:46	01/20/22 11:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.9		4.95	mg/Kg			01/20/22 09:59	1

Client Sample ID: FL82

Lab Sample ID: 880-10289-82

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 12:18	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 12:18	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 12:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 09:23	01/19/22 12:18	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 12:18	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 09:23	01/19/22 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	01/18/22 09:23	01/19/22 12:18	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL82

Lab Sample ID: 880-10289-82

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	95		70 - 130	01/18/22 09:23	01/19/22 12:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 12:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 12:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 12:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130			01/19/22 08:46	01/20/22 12:24	1
o-Terphenyl	82		70 - 130			01/19/22 08:46	01/20/22 12:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.6		4.97	mg/Kg			01/20/22 10:07	1

Client Sample ID: FL83

Lab Sample ID: 880-10289-83

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:23	01/19/22 12:45	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:23	01/19/22 12:45	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:23	01/19/22 12:45	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		01/18/22 09:23	01/19/22 12:45	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:23	01/19/22 12:45	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/18/22 09:23	01/19/22 12:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	01/18/22 09:23	01/19/22 12:45	1
1,4-Difluorobenzene (Surr)	81		70 - 130	01/18/22 09:23	01/19/22 12:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			01/24/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL83

Lab Sample ID: 880-10289-83

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 12:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 12:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 12:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130			01/19/22 08:46	01/20/22 12:46	1
o-Terphenyl	78		70 - 130			01/19/22 08:46	01/20/22 12:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.2		4.99	mg/Kg			01/20/22 10:30	1

Client Sample ID: FL84

Lab Sample ID: 880-10289-84

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 13:13	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 13:13	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 13:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 09:23	01/19/22 13:13	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 13:13	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 09:23	01/19/22 13:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130			01/18/22 09:23	01/19/22 13:13	1
1,4-Difluorobenzene (Surr)	82		70 - 130			01/18/22 09:23	01/19/22 13:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 13:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 13:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 13:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130			01/19/22 08:46	01/20/22 13:07	1
o-Terphenyl	85		70 - 130			01/19/22 08:46	01/20/22 13:07	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL84

Lab Sample ID: 880-10289-84

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.9		5.05	mg/Kg			01/20/22 10:37	1

Client Sample ID: FL85

Lab Sample ID: 880-10289-85

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:23	01/19/22 13:41	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:23	01/19/22 13:41	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:23	01/19/22 13:41	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/18/22 09:23	01/19/22 13:41	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:23	01/19/22 13:41	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/18/22 09:23	01/19/22 13:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			01/18/22 09:23	01/19/22 13:41	1
1,4-Difluorobenzene (Surr)	87		70 - 130			01/18/22 09:23	01/19/22 13:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 13:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 13:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 13:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130			01/19/22 08:46	01/20/22 13:28	1
o-Terphenyl	83		70 - 130			01/19/22 08:46	01/20/22 13:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.6		4.97	mg/Kg			01/20/22 10:45	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL86

Lab Sample ID: 880-10289-86

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 14:08	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 14:08	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 14:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:23	01/19/22 14:08	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 14:08	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:23	01/19/22 14:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	01/18/22 09:23	01/19/22 14:08	1
1,4-Difluorobenzene (Surr)	80		70 - 130	01/18/22 09:23	01/19/22 14:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 13:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 13:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 13:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	01/19/22 08:46	01/20/22 13:49	1
o-Terphenyl	93		70 - 130	01/19/22 08:46	01/20/22 13:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.0		4.95	mg/Kg			01/20/22 10:52	1

Client Sample ID: FL87

Lab Sample ID: 880-10289-87

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 14:36	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 14:36	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 14:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:23	01/19/22 14:36	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 14:36	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:23	01/19/22 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	01/18/22 09:23	01/19/22 14:36	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL87

Lab Sample ID: 880-10289-87

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	77		70 - 130	01/18/22 09:23	01/19/22 14:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 14:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 14:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 14:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130			01/19/22 08:46	01/20/22 14:10	1
o-Terphenyl	83		70 - 130			01/19/22 08:46	01/20/22 14:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.9		5.00	mg/Kg			01/20/22 11:00	1

Client Sample ID: FL88

Lab Sample ID: 880-10289-88

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:23	01/19/22 15:02	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:23	01/19/22 15:02	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:23	01/19/22 15:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/18/22 09:23	01/19/22 15:02	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:23	01/19/22 15:02	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/18/22 09:23	01/19/22 15:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	01/18/22 09:23	01/19/22 15:02	1
1,4-Difluorobenzene (Surr)	72		70 - 130	01/18/22 09:23	01/19/22 15:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL88

Lab Sample ID: 880-10289-88

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 14:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 14:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 14:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130			01/19/22 08:46	01/20/22 14:31	1
o-Terphenyl	84		70 - 130			01/19/22 08:46	01/20/22 14:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.0	F1	4.95	mg/Kg			01/20/22 11:07	1

Client Sample ID: FL89

Lab Sample ID: 880-10289-89

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 15:29	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 15:29	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 15:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:23	01/19/22 15:29	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 15:29	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:23	01/19/22 15:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			01/18/22 09:23	01/19/22 15:29	1
1,4-Difluorobenzene (Surr)	84		70 - 130			01/18/22 09:23	01/19/22 15:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 14:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 14:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 14:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			01/19/22 08:46	01/20/22 14:53	1
o-Terphenyl	75		70 - 130			01/19/22 08:46	01/20/22 14:53	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL89

Lab Sample ID: 880-10289-89

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.9		5.02	mg/Kg			01/20/22 11:30	1

Client Sample ID: FL90

Lab Sample ID: 880-10289-90

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 15:55	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 15:55	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 15:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:23	01/19/22 15:55	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 15:55	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:23	01/19/22 15:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130			01/18/22 09:23	01/19/22 15:55	1
1,4-Difluorobenzene (Surr)	89		70 - 130			01/18/22 09:23	01/19/22 15:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 15:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 15:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 15:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			01/19/22 08:46	01/20/22 15:14	1
o-Terphenyl	77		70 - 130			01/19/22 08:46	01/20/22 15:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.3		4.99	mg/Kg			01/20/22 11:38	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL91

Lab Sample ID: 880-10289-91

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 17:41	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 17:41	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 17:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/18/22 09:23	01/19/22 17:41	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 17:41	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/18/22 09:23	01/19/22 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	01/18/22 09:23	01/19/22 17:41	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/18/22 09:23	01/19/22 17:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 15:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 15:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130	01/19/22 08:46	01/20/22 15:56	1
o-Terphenyl	81		70 - 130	01/19/22 08:46	01/20/22 15:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.3		5.04	mg/Kg			01/20/22 12:00	1

Client Sample ID: FL92

Lab Sample ID: 880-10289-92

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:23	01/19/22 18:07	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:23	01/19/22 18:07	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:23	01/19/22 18:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/18/22 09:23	01/19/22 18:07	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:23	01/19/22 18:07	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/18/22 09:23	01/19/22 18:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	01/18/22 09:23	01/19/22 18:07	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL92

Lab Sample ID: 880-10289-92

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	89		70 - 130	01/18/22 09:23	01/19/22 18:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		01/19/22 08:46	01/20/22 16:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/19/22 08:46	01/20/22 16:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/19/22 08:46	01/20/22 16:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130			01/19/22 08:46	01/20/22 16:18	1
o-Terphenyl	89		70 - 130			01/19/22 08:46	01/20/22 16:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.8		4.98	mg/Kg			01/20/22 12:08	1

Client Sample ID: FL93

Lab Sample ID: 880-10289-93

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 18:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 18:33	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 18:33	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 09:23	01/19/22 18:33	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 18:33	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 09:23	01/19/22 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	01/18/22 09:23	01/19/22 18:33	1
1,4-Difluorobenzene (Surr)	85		70 - 130	01/18/22 09:23	01/19/22 18:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL93

Lab Sample ID: 880-10289-93

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 16:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 16:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 16:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130			01/19/22 08:46	01/20/22 16:39	1
o-Terphenyl	81		70 - 130			01/19/22 08:46	01/20/22 16:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.5		4.95	mg/Kg			01/20/22 12:15	1

Client Sample ID: FL94

Lab Sample ID: 880-10289-94

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:23	01/19/22 18:59	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:23	01/19/22 18:59	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:23	01/19/22 18:59	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		01/18/22 09:23	01/19/22 18:59	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:23	01/19/22 18:59	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/18/22 09:23	01/19/22 18:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130			01/18/22 09:23	01/19/22 18:59	1
1,4-Difluorobenzene (Surr)	76		70 - 130			01/18/22 09:23	01/19/22 18:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 17:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 17:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 17:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130			01/19/22 08:46	01/20/22 17:00	1
o-Terphenyl	77		70 - 130			01/19/22 08:46	01/20/22 17:00	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL94

Lab Sample ID: 880-10289-94

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.6		4.99	mg/Kg			01/20/22 12:23	1

Client Sample ID: FL95

Lab Sample ID: 880-10289-95

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 19:26	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 19:26	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 19:26	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 09:23	01/19/22 19:26	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 19:26	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 09:23	01/19/22 19:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130			01/18/22 09:23	01/19/22 19:26	1
1,4-Difluorobenzene (Surr)	88		70 - 130			01/18/22 09:23	01/19/22 19:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 17:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 17:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 17:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130			01/19/22 08:46	01/20/22 17:20	1
o-Terphenyl	74		70 - 130			01/19/22 08:46	01/20/22 17:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.1		5.02	mg/Kg			01/20/22 12:30	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL96

Lab Sample ID: 880-10289-96

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 19:53	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 19:53	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 19:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:23	01/19/22 19:53	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 19:53	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:23	01/19/22 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	01/18/22 09:23	01/19/22 19:53	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/18/22 09:23	01/19/22 19:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 17:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 17:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/19/22 08:46	01/20/22 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130	01/19/22 08:46	01/20/22 17:41	1
o-Terphenyl	79		70 - 130	01/19/22 08:46	01/20/22 17:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.1		4.98	mg/Kg			01/20/22 12:46	1

Client Sample ID: FL97

Lab Sample ID: 880-10289-97

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:23	01/19/22 20:20	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:23	01/19/22 20:20	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:23	01/19/22 20:20	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/18/22 09:23	01/19/22 20:20	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:23	01/19/22 20:20	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/18/22 09:23	01/19/22 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	01/18/22 09:23	01/19/22 20:20	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL97

Lab Sample ID: 880-10289-97

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	01/18/22 09:23	01/19/22 20:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 18:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 18:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 18:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130			01/19/22 08:46	01/20/22 18:02	1
o-Terphenyl	81		70 - 130			01/19/22 08:46	01/20/22 18:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.7		5.00	mg/Kg			01/20/22 12:38	1

Client Sample ID: FL98

Lab Sample ID: 880-10289-98

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 20:47	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 20:47	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 20:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:23	01/19/22 20:47	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 20:47	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:23	01/19/22 20:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	01/18/22 09:23	01/19/22 20:47	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/18/22 09:23	01/19/22 20:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/24/22 16:26	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL98

Lab Sample ID: 880-10289-98

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		01/19/22 08:46	01/20/22 18:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/19/22 08:46	01/20/22 18:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/19/22 08:46	01/20/22 18:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130			01/19/22 08:46	01/20/22 18:22	1
o-Terphenyl	79		70 - 130			01/19/22 08:46	01/20/22 18:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.6	F1	4.96	mg/Kg			01/20/22 04:47	1

Client Sample ID: FL99

Lab Sample ID: 880-10289-99

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 21:14	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 21:14	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 21:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:23	01/19/22 21:14	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 21:14	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:23	01/19/22 21:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130			01/18/22 09:23	01/19/22 21:14	1
1,4-Difluorobenzene (Surr)	101		70 - 130			01/18/22 09:23	01/19/22 21:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 18:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 18:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 18:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130			01/19/22 08:46	01/20/22 18:42	1
o-Terphenyl	79		70 - 130			01/19/22 08:46	01/20/22 18:42	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL99

Lab Sample ID: 880-10289-99

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		4.99	mg/Kg			01/20/22 05:12	1

Client Sample ID: FL100

Lab Sample ID: 880-10289-100

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 21:41	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 21:41	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 21:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:23	01/19/22 21:41	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:23	01/19/22 21:41	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:23	01/19/22 21:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130			01/18/22 09:23	01/19/22 21:41	1
1,4-Difluorobenzene (Surr)	109		70 - 130			01/18/22 09:23	01/19/22 21:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 19:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 19:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 19:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130			01/19/22 08:46	01/20/22 19:03	1
o-Terphenyl	84		70 - 130			01/19/22 08:46	01/20/22 19:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		5.00	mg/Kg			01/20/22 05:20	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL101

Lab Sample ID: 880-10289-101

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F1 F2	0.00198	mg/Kg		01/18/22 09:26	01/19/22 22:54	1
Toluene	<0.00198	U F1 F2	0.00198	mg/Kg		01/18/22 09:26	01/19/22 22:54	1
Ethylbenzene	<0.00198	U F1 F2	0.00198	mg/Kg		01/18/22 09:26	01/19/22 22:54	1
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.00396	mg/Kg		01/18/22 09:26	01/19/22 22:54	1
o-Xylene	<0.00198	U F1 F2	0.00198	mg/Kg		01/18/22 09:26	01/19/22 22:54	1
Xylenes, Total	<0.00396	U F1 F2	0.00396	mg/Kg		01/18/22 09:26	01/19/22 22:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	01/18/22 09:26	01/19/22 22:54	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/18/22 09:26	01/19/22 22:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		01/19/22 08:50	01/20/22 11:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		01/19/22 08:50	01/20/22 11:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/19/22 08:50	01/20/22 11:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	01/19/22 08:50	01/20/22 11:21	1
o-Terphenyl	93		70 - 130	01/19/22 08:50	01/20/22 11:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.0		4.97	mg/Kg			01/20/22 05:28	1

Client Sample ID: FL102

Lab Sample ID: 880-10289-102

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/19/22 23:15	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/19/22 23:15	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/19/22 23:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:26	01/19/22 23:15	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/19/22 23:15	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:26	01/19/22 23:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	01/18/22 09:26	01/19/22 23:15	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL102

Lab Sample ID: 880-10289-102

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130	01/18/22 09:26	01/19/22 23:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg	-		01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg	-		01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg	-	01/19/22 08:50	01/20/22 12:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg	-	01/19/22 08:50	01/20/22 12:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg	-	01/19/22 08:50	01/20/22 12:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130			01/19/22 08:50	01/20/22 12:24	1
o-Terphenyl	80		70 - 130			01/19/22 08:50	01/20/22 12:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.7		5.04	mg/Kg	-		01/20/22 05:37	1

Client Sample ID: FL103

Lab Sample ID: 880-10289-103

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg	-	01/18/22 09:26	01/19/22 23:35	1
Toluene	<0.00199	U	0.00199	mg/Kg	-	01/18/22 09:26	01/19/22 23:35	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg	-	01/18/22 09:26	01/19/22 23:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg	-	01/18/22 09:26	01/19/22 23:35	1
o-Xylene	<0.00199	U	0.00199	mg/Kg	-	01/18/22 09:26	01/19/22 23:35	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg	-	01/18/22 09:26	01/19/22 23:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/18/22 09:26	01/19/22 23:35	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/18/22 09:26	01/19/22 23:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg	-		01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg	-		01/24/22 16:26	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL103

Lab Sample ID: 880-10289-103

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 12:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 12:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 12:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130			01/19/22 08:50	01/20/22 12:46	1
o-Terphenyl	78		70 - 130			01/19/22 08:50	01/20/22 12:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.5		4.98	mg/Kg			01/20/22 06:02	1

Client Sample ID: FL104

Lab Sample ID: 880-10289-104

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:26	01/19/22 23:55	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:26	01/19/22 23:55	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:26	01/19/22 23:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:26	01/19/22 23:55	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:26	01/19/22 23:55	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:26	01/19/22 23:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			01/18/22 09:26	01/19/22 23:55	1
1,4-Difluorobenzene (Surr)	79		70 - 130			01/18/22 09:26	01/19/22 23:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 13:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 13:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 13:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130			01/19/22 08:50	01/20/22 13:07	1
o-Terphenyl	82		70 - 130			01/19/22 08:50	01/20/22 13:07	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL104

Lab Sample ID: 880-10289-104

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.8		5.00	mg/Kg			01/20/22 06:10	1

Client Sample ID: FL105

Lab Sample ID: 880-10289-105

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:26	01/20/22 00:16	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:26	01/20/22 00:16	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:26	01/20/22 00:16	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/18/22 09:26	01/20/22 00:16	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:26	01/20/22 00:16	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/18/22 09:26	01/20/22 00:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130			01/18/22 09:26	01/20/22 00:16	1
1,4-Difluorobenzene (Surr)	89		70 - 130			01/18/22 09:26	01/20/22 00:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		01/19/22 08:50	01/20/22 13:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		01/19/22 08:50	01/20/22 13:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/19/22 08:50	01/20/22 13:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130			01/19/22 08:50	01/20/22 13:28	1
o-Terphenyl	74		70 - 130			01/19/22 08:50	01/20/22 13:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	192		5.00	mg/Kg			01/20/22 06:19	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL106

Lab Sample ID: 880-10289-106

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 00:36	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 00:36	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 00:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/18/22 09:26	01/20/22 00:36	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 00:36	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/18/22 09:26	01/20/22 00:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	01/18/22 09:26	01/20/22 00:36	1
1,4-Difluorobenzene (Surr)	154	S1+	70 - 130	01/18/22 09:26	01/20/22 00:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 13:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 13:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 13:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	01/19/22 08:50	01/20/22 13:49	1
o-Terphenyl	76		70 - 130	01/19/22 08:50	01/20/22 13:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.9		4.96	mg/Kg			01/20/22 06:27	1

Client Sample ID: FL107

Lab Sample ID: 880-10289-107

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:26	01/20/22 00:57	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:26	01/20/22 00:57	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:26	01/20/22 00:57	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		01/18/22 09:26	01/20/22 00:57	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:26	01/20/22 00:57	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/18/22 09:26	01/20/22 00:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	01/18/22 09:26	01/20/22 00:57	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL107

Lab Sample ID: 880-10289-107

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	90		70 - 130	01/18/22 09:26	01/20/22 00:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		01/19/22 08:50	01/20/22 14:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		01/19/22 08:50	01/20/22 14:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/19/22 08:50	01/20/22 14:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130			01/19/22 08:50	01/20/22 14:10	1
o-Terphenyl	76		70 - 130			01/19/22 08:50	01/20/22 14:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.6		5.01	mg/Kg			01/20/22 06:35	1

Client Sample ID: FL108

Lab Sample ID: 880-10289-108

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 01:17	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 01:17	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 01:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 09:26	01/20/22 01:17	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 01:17	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 09:26	01/20/22 01:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130	01/18/22 09:26	01/20/22 01:17	1
1,4-Difluorobenzene (Surr)	113		70 - 130	01/18/22 09:26	01/20/22 01:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:26	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL108

Lab Sample ID: 880-10289-108

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		01/19/22 08:50	01/20/22 14:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		01/19/22 08:50	01/20/22 14:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/19/22 08:50	01/20/22 14:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130			01/19/22 08:50	01/20/22 14:31	1
o-Terphenyl	79		70 - 130			01/19/22 08:50	01/20/22 14:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126	F1	4.99	mg/Kg			01/20/22 06:44	1

Client Sample ID: FL109

Lab Sample ID: 880-10289-109

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:26	01/20/22 01:37	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:26	01/20/22 01:37	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:26	01/20/22 01:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:26	01/20/22 01:37	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:26	01/20/22 01:37	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:26	01/20/22 01:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130			01/18/22 09:26	01/20/22 01:37	1
1,4-Difluorobenzene (Surr)	71		70 - 130			01/18/22 09:26	01/20/22 01:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 14:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 14:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 14:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130			01/19/22 08:50	01/20/22 14:53	1
o-Terphenyl	77		70 - 130			01/19/22 08:50	01/20/22 14:53	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL109

Lab Sample ID: 880-10289-109

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		5.05	mg/Kg			01/20/22 07:09	1

Client Sample ID: FL110

Lab Sample ID: 880-10289-110

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:26	01/20/22 01:58	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:26	01/20/22 01:58	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:26	01/20/22 01:58	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/18/22 09:26	01/20/22 01:58	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:26	01/20/22 01:58	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/18/22 09:26	01/20/22 01:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			01/18/22 09:26	01/20/22 01:58	1
1,4-Difluorobenzene (Surr)	82		70 - 130			01/18/22 09:26	01/20/22 01:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 15:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 15:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 15:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130			01/19/22 08:50	01/20/22 15:14	1
o-Terphenyl	72		70 - 130			01/19/22 08:50	01/20/22 15:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	217		4.97	mg/Kg			01/20/22 07:17	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL111

Lab Sample ID: 880-10289-111

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 03:20	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 03:20	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 03:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:26	01/20/22 03:20	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 03:20	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:26	01/20/22 03:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	01/18/22 09:26	01/20/22 03:20	1
1,4-Difluorobenzene (Surr)	74		70 - 130	01/18/22 09:26	01/20/22 03:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		01/19/22 08:50	01/20/22 15:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		01/19/22 08:50	01/20/22 15:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/19/22 08:50	01/20/22 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	01/19/22 08:50	01/20/22 15:56	1
o-Terphenyl	74		70 - 130	01/19/22 08:50	01/20/22 15:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	242		4.96	mg/Kg			01/21/22 21:27	1

Client Sample ID: FL112

Lab Sample ID: 880-10289-112

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 03:40	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 03:40	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 03:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/18/22 09:26	01/20/22 03:40	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 03:40	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/18/22 09:26	01/20/22 03:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	01/18/22 09:26	01/20/22 03:40	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL112

Lab Sample ID: 880-10289-112

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	97		70 - 130	01/18/22 09:26	01/20/22 03:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/24/22 16:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8	mg/Kg		01/19/22 08:50	01/20/22 16:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8	mg/Kg		01/19/22 08:50	01/20/22 16:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/19/22 08:50	01/20/22 16:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130			01/19/22 08:50	01/20/22 16:18	1
o-Terphenyl	80		70 - 130			01/19/22 08:50	01/20/22 16:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		5.00	mg/Kg			01/21/22 21:39	1

Client Sample ID: FL113

Lab Sample ID: 880-10289-113

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 04:01	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 04:01	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 04:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/18/22 09:26	01/20/22 04:01	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 04:01	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/18/22 09:26	01/20/22 04:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	01/18/22 09:26	01/20/22 04:01	1
1,4-Difluorobenzene (Surr)	101		70 - 130	01/18/22 09:26	01/20/22 04:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:33	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL113

Lab Sample ID: 880-10289-113

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 16:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 16:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 16:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130			01/19/22 08:50	01/20/22 16:39	1
o-Terphenyl	75		70 - 130			01/19/22 08:50	01/20/22 16:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.7		5.00	mg/Kg			01/21/22 21:51	1

Client Sample ID: FL114

Lab Sample ID: 880-10289-114

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:26	01/20/22 04:21	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:26	01/20/22 04:21	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:26	01/20/22 04:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/18/22 09:26	01/20/22 04:21	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:26	01/20/22 04:21	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/18/22 09:26	01/20/22 04:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			01/18/22 09:26	01/20/22 04:21	1
1,4-Difluorobenzene (Surr)	98		70 - 130			01/18/22 09:26	01/20/22 04:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 17:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 17:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 17:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130			01/19/22 08:50	01/20/22 17:00	1
o-Terphenyl	78		70 - 130			01/19/22 08:50	01/20/22 17:00	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL114

Lab Sample ID: 880-10289-114

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.5		4.95	mg/Kg			01/21/22 22:03	1

Client Sample ID: FL115

Lab Sample ID: 880-10289-115

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200	mg/Kg		01/19/22 13:45	01/20/22 23:16	1
Toluene	<0.00200	U F2 F1	0.00200	mg/Kg		01/19/22 13:45	01/20/22 23:16	1
Ethylbenzene	<0.00200	U F2 F1	0.00200	mg/Kg		01/19/22 13:45	01/20/22 23:16	1
m-Xylene & p-Xylene	<0.00400	U F2 F1	0.00400	mg/Kg		01/19/22 13:45	01/20/22 23:16	1
o-Xylene	<0.00200	U F2 F1	0.00200	mg/Kg		01/19/22 13:45	01/20/22 23:16	1
Xylenes, Total	<0.00400	U F2 F1	0.00400	mg/Kg		01/19/22 13:45	01/20/22 23:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130			01/19/22 13:45	01/20/22 23:16	1
1,4-Difluorobenzene (Surr)	106		70 - 130			01/19/22 13:45	01/20/22 23:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 17:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 17:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 17:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130			01/19/22 08:50	01/20/22 17:20	1
o-Terphenyl	75		70 - 130			01/19/22 08:50	01/20/22 17:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		5.04	mg/Kg			01/21/22 22:14	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL116

Lab Sample ID: 880-10289-116

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/19/22 13:45	01/20/22 23:36	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/19/22 13:45	01/20/22 23:36	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/19/22 13:45	01/20/22 23:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/19/22 13:45	01/20/22 23:36	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/19/22 13:45	01/20/22 23:36	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/19/22 13:45	01/20/22 23:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	01/19/22 13:45	01/20/22 23:36	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/19/22 13:45	01/20/22 23:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 17:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 17:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	01/19/22 08:50	01/20/22 17:41	1
o-Terphenyl	80		70 - 130	01/19/22 08:50	01/20/22 17:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	451		4.99	mg/Kg			01/21/22 09:02	1

Client Sample ID: FL117

Lab Sample ID: 880-10289-117

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/19/22 13:45	01/20/22 23:56	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/19/22 13:45	01/20/22 23:56	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/19/22 13:45	01/20/22 23:56	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		01/19/22 13:45	01/20/22 23:56	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/19/22 13:45	01/20/22 23:56	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/19/22 13:45	01/20/22 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	01/19/22 13:45	01/20/22 23:56	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL117

Lab Sample ID: 880-10289-117

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 2"

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	114		70 - 130	01/19/22 13:45	01/20/22 23:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			01/24/22 17:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		01/19/22 08:50	01/20/22 18:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		01/19/22 08:50	01/20/22 18:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/19/22 08:50	01/20/22 18:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130			01/19/22 08:50	01/20/22 18:02	1
o-Terphenyl	80		70 - 130			01/19/22 08:50	01/20/22 18:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	409		4.95	mg/Kg			01/21/22 22:38	1

Eurofins Midland

Surrogate Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-10289-1	FL1	94	69 S1-
880-10289-1 MS	FL1	106	58 S1-
880-10289-1 MSD	FL1	105	98
880-10289-2	FL2	141 S1+	82
880-10289-3	FL3	73	74
880-10289-4	FL4	111	92
880-10289-5	FL5	120	126
880-10289-6	FL6	102	96
880-10289-7	FL7	108	88
880-10289-8	FL8	109	62 S1-
880-10289-9	FL9	121	93
880-10289-10	FL10	80	82
880-10289-11	FL11	149 S1+	115
880-10289-12	FL12	106	70
880-10289-13	FL13	100	70
880-10289-14	FL14	92	99
880-10289-15	FL15	100	116
880-10289-16	FL16	102	89
880-10289-17	FL17	134 S1+	71
880-10289-18	FL18	123	134 S1+
880-10289-19	FL19	186 S1+	83
880-10289-20	FL20	93	71
880-10289-21	FL21	86	138 S1+
880-10289-21 MS	FL21	71	114
880-10289-21 MSD	FL21	73	79
880-10289-22	FL22	94	88
880-10289-23	FL23	95	86
880-10289-24	FL24	85	83
880-10289-25	FL25	116	132 S1+
880-10289-26	FL26	80	170 S1+
880-10289-27	FL27	109	124
880-10289-28	FL128	82	90
880-10289-29	FL29	97	72
880-10289-30	FL30	96	75
880-10289-31	FL31	96	103
880-10289-32	FL32	87	124
880-10289-33	FL33	76	94
880-10289-34	FL34	86	124
880-10289-35	FL35	125	93
880-10289-36	FL36	84	74
880-10289-37	FL37	111	99
880-10289-38	FL38	111	105
880-10289-39	FL39	81	91
880-10289-40	FL40	103	91
880-10289-41	FL41	79	108
880-10289-41 MS	FL41	82	114
880-10289-41 MSD	FL41	113	93
880-10289-42	FL42	71	102
880-10289-43	FL43	71	86

Eurofins Midland

Surrogate Summary

Client: Hungry Horse LLC

Job ID: 880-10289-1

Project/Site: ARU #16

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-10289-44	FL44	96	79
880-10289-45	FL45	128	72
880-10289-46	FL46	128	94
880-10289-47	FL47	122	77
880-10289-48	FL48	102	70
880-10289-49	FL49	111	74
880-10289-50	FL50	78	78
880-10289-51	FL51	104	74
880-10289-52	FL52	77	88
880-10289-53	FL53	71	73
880-10289-54	FL54	118	71
880-10289-55	FL55	121	89
880-10289-56	FL56	121	116
880-10289-57	FL57	74	75
880-10289-58	FL58	105	85
880-10289-59	FL59	100	83
880-10289-60	FL60	113	72
880-10289-61	FL61	72	95
880-10289-61 MS	FL61	100	95
880-10289-61 MSD	FL61	163 S1+	52 S1-
880-10289-62	FL62	75	116
880-10289-63	FL63	91	129
880-10289-64	FL64	83	80
880-10289-65	FL65	77	72
880-10289-66	FL66	74	93
880-10289-67	FL67	89	91
880-10289-68	FL68	81	79
880-10289-69	FL69	82	72
880-10289-70	FL70	74	110
880-10289-71	FL71	126	125
880-10289-72	FL72	114	88
880-10289-73	FL73	111	92
880-10289-74	FL74	106	114
880-10289-75	FL75	107	91
880-10289-76	FL76	130	101
880-10289-77	FL77	75	72
880-10289-78	FL78	76	89
880-10289-79	FL79	117	150 S1+
880-10289-80	FL80	97	111
880-10289-81	FL81	108	91
880-10289-81 MS	FL81	82	74
880-10289-81 MSD	FL81	74	77
880-10289-82	FL82	81	95
880-10289-83	FL83	78	81
880-10289-84	FL84	151 S1+	82
880-10289-85	FL85	107	87
880-10289-86	FL86	119	80
880-10289-87	FL87	84	77
880-10289-88	FL88	76	72
880-10289-89	FL89	111	84

Eurofins Midland

Surrogate Summary

Client: Hungry Horse LLC

Job ID: 880-10289-1

Project/Site: ARU #16

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-10289-90	FL90	83	89
880-10289-91	FL91	133 S1+	93
880-10289-92	FL92	81	89
880-10289-93	FL93	88	85
880-10289-94	FL94	81	76
880-10289-95	FL95	91	88
880-10289-96	FL96	120	87
880-10289-97	FL97	77	75
880-10289-98	FL98	130	100
880-10289-99	FL99	96	101
880-10289-100	FL100	90	109
880-10289-101	FL101	103	103
880-10289-101 MS	FL101	119	87
880-10289-101 MSD	FL101	101	103
880-10289-102	FL102	115	68 S1-
880-10289-103	FL103	105	98
880-10289-104	FL104	100	79
880-10289-105	FL105	125	89
880-10289-106	FL106	129	154 S1+
880-10289-107	FL107	121	90
880-10289-108	FL108	145 S1+	113
880-10289-109	FL109	124	71
880-10289-110	FL110	109	82
880-10289-111	FL111	122	74
880-10289-112	FL112	119	97
880-10289-113	FL113	110	101
880-10289-114	FL114	100	98
880-10289-115	FL115	135 S1+	106
880-10289-115 MS	FL115	110	97
880-10289-115 MSD	FL115	88	82
880-10289-116	FL116	117	95
880-10289-117	FL117	112	114
LCS 880-17104/1-A	Lab Control Sample	106	101
LCS 880-17106/1-A	Lab Control Sample	119	104
LCS 880-17107/1-A	Lab Control Sample	82	109
LCS 880-17108/1-A	Lab Control Sample	115	114
LCS 880-17109/1-A	Lab Control Sample	81	109
LCS 880-17110/1-A	Lab Control Sample	100	93
LCS 880-17218/1-A	Lab Control Sample	112	94
LCSD 880-17104/2-A	Lab Control Sample Dup	101	92
LCSD 880-17106/2-A	Lab Control Sample Dup	112	98
LCSD 880-17107/2-A	Lab Control Sample Dup	87	112
LCSD 880-17108/2-A	Lab Control Sample Dup	119	103
LCSD 880-17109/2-A	Lab Control Sample Dup	84	107
LCSD 880-17110/2-A	Lab Control Sample Dup	98	107
LCSD 880-17218/2-A	Lab Control Sample Dup	110	98
MB 880-17053/5-A	Method Blank	107	97
MB 880-17100/5-A	Method Blank	124	108
MB 880-17102/8	Method Blank	75	95
MB 880-17104/5-A	Method Blank	97	101

Eurofins Midland

Surrogate Summary

Client: Hungry Horse LLC

Job ID: 880-10289-1

Project/Site: ARU #16

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
MB 880-17106/5-A	Method Blank	120	100
MB 880-17107/5-A	Method Blank	60 S1-	99
MB 880-17108/5-A	Method Blank	118	96
MB 880-17109/5-A	Method Blank	60 S1-	94
MB 880-17110/5-A	Method Blank	106	100
MB 880-17114/5-A	Method Blank	104	99
MB 880-17131/5-A	Method Blank	123	97
MB 880-17218/5-A	Method Blank	114	97
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-10289-1	FL1	94	97
880-10289-1 MS	FL1	85	77
880-10289-1 MSD	FL1	100	90
880-10289-2	FL2	96	99
880-10289-3	FL3	89	90
880-10289-4	FL4	112	114
880-10289-5	FL5	97	99
880-10289-6	FL6	91	94
880-10289-7	FL7	112	113
880-10289-8	FL8	91	92
880-10289-9	FL9	96	97
880-10289-10	FL10	113	113
880-10289-11	FL11	98	98
880-10289-12	FL12	101	98
880-10289-13	FL13	110	113
880-10289-14	FL14	113	113
880-10289-15	FL15	113	118
880-10289-16	FL16	93	94
880-10289-17	FL17	114	115
880-10289-18	FL18	98	99
880-10289-19	FL19	97	99
880-10289-20	FL20	97	99
880-10289-21	FL21	88	92
880-10289-21 MS	FL21	90	92
880-10289-21 MSD	FL21	99	96
880-10289-22	FL22	91	96
880-10289-23	FL23	94	104
880-10289-24	FL24	88	84
880-10289-25	FL25	92	93
880-10289-26	FL26	92	90
880-10289-27	FL27	91	92
880-10289-28	FL128	93	96

Eurofins Midland

Surrogate Summary

Client: Hungry Horse LLC

Job ID: 880-10289-1

Project/Site: ARU #16

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-10289-29	FL29	94	96
880-10289-30	FL30	113	113
880-10289-31	FL31	111	113
880-10289-32	FL32	95	95
880-10289-33	FL33	105	108
880-10289-34	FL34	95	98
880-10289-35	FL35	93	98
880-10289-36	FL36	95	99
880-10289-37	FL37	83	88
880-10289-38	FL38	99	100
880-10289-39	FL39	102	96
880-10289-40	FL40	96	100
880-10289-41	FL41	70	81
880-10289-41 MS	FL41	64 S1-	64 S1-
880-10289-41 MSD	FL41	64 S1-	65 S1-
880-10289-42	FL42	70	79
880-10289-43	FL43	75	87
880-10289-44	FL44	76	87
880-10289-45	FL45	68 S1-	79
880-10289-46	FL46	68 S1-	78
880-10289-47	FL47	64 S1-	74
880-10289-48	FL48	65 S1-	75
880-10289-49	FL49	66 S1-	75
880-10289-50	FL50	73	86
880-10289-51	FL51	69 S1-	77
880-10289-52	FL52	74	85
880-10289-53	FL53	74	83
880-10289-54	FL54	67 S1-	72
880-10289-55	FL55	69 S1-	82
880-10289-56	FL56	69 S1-	78
880-10289-57	FL57	67 S1-	75
880-10289-58	FL58	69 S1-	76
880-10289-59	FL59	75	83
880-10289-60	FL60	69 S1-	76
880-10289-61	FL61	73	79
880-10289-61 MS	FL61	70	63 S1-
880-10289-61 MSD	FL61	78	73
880-10289-62	FL62	87	90
880-10289-63	FL63	85	92
880-10289-64	FL64	84	89
880-10289-65	FL65	77	82
880-10289-66	FL66	58 S1-	53 S1-
880-10289-67	FL67	61 S1-	57 S1-
880-10289-68	FL68	59 S1-	54 S1-
880-10289-69	FL69	61 S1-	55 S1-
880-10289-70	FL70	66 S1-	64 S1-
880-10289-71	FL71	61 S1-	57 S1-
880-10289-72	FL72	62 S1-	57 S1-
880-10289-73	FL73	57 S1-	51 S1-
880-10289-74	FL74	61 S1-	56 S1-

Eurofins Midland

Surrogate Summary

Client: Hungry Horse LLC

Job ID: 880-10289-1

Project/Site: ARU #16

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)
Matrix: Solid
Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-10289-75	FL75	63 S1-	59 S1-
880-10289-76	FL76	63 S1-	57 S1-
880-10289-77	FL77	61 S1-	56 S1-
880-10289-78	FL78	68 S1-	63 S1-
880-10289-79	FL79	62 S1-	57 S1-
880-10289-80	FL80	64 S1-	65 S1-
880-10289-81	FL81	71	80
880-10289-81 MS	FL81	64 S1-	65 S1-
880-10289-81 MSD	FL81	70	70
880-10289-82	FL82	72	82
880-10289-83	FL83	69 S1-	78
880-10289-84	FL84	74	85
880-10289-85	FL85	71	83
880-10289-86	FL86	82	93
880-10289-87	FL87	73	83
880-10289-88	FL88	73	84
880-10289-89	FL89	68 S1-	75
880-10289-90	FL90	68 S1-	77
880-10289-91	FL91	73	81
880-10289-92	FL92	78	89
880-10289-93	FL93	73	81
880-10289-94	FL94	71	77
880-10289-95	FL95	67 S1-	74
880-10289-96	FL96	71	79
880-10289-97	FL97	71	81
880-10289-98	FL98	70	79
880-10289-99	FL99	71	79
880-10289-100	FL100	72	84
880-10289-101	FL101	91	93
880-10289-101 MS	FL101	74	65 S1-
880-10289-101 MSD	FL101	69 S1-	61 S1-
880-10289-102	FL102	80	80
880-10289-103	FL103	76	78
880-10289-104	FL104	81	82
880-10289-105	FL105	74	74
880-10289-106	FL106	76	76
880-10289-107	FL107	75	76
880-10289-108	FL108	79	79
880-10289-109	FL109	74	77
880-10289-110	FL110	72	72
880-10289-111	FL111	75	74
880-10289-112	FL112	79	80
880-10289-113	FL113	75	75
880-10289-114	FL114	78	78
880-10289-115	FL115	75	75
880-10289-116	FL116	78	80
880-10289-117	FL117	78	80
LCS 880-17191/2-A	Lab Control Sample	99	106
LCS 880-17192/2-A	Lab Control Sample	100	100
LCS 880-17215/2-A	Lab Control Sample	93	103

Eurofins Midland

Surrogate Summary

Client: Hungry Horse LLC

Job ID: 880-10289-1

Project/Site: ARU #16

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)
Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
LCS 880-17216/2-A	Lab Control Sample	88	79
LCSD 880-17191/3-A	Lab Control Sample Dup	91	100
LCSD 880-17192/3-A	Lab Control Sample Dup	86	81
LCSD 880-17215/3-A	Lab Control Sample Dup	93	104
LCSD 880-17216/3-A	Lab Control Sample Dup	104	98
MB 880-17191/1-A	Method Blank	70	82
MB 880-17192/1-A	Method Blank	68 S1-	71
MB 880-17215/1-A	Method Blank	63 S1-	78
MB 880-17216/1-A	Method Blank	68 S1-	71
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)
Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO2 (70-130)	OTPH2 (70-130)
LCS 880-17166/2-A	Lab Control Sample	109	102
LCS 880-17190/2-A	Lab Control Sample	109	112
LCSD 880-17166/3-A	Lab Control Sample Dup	105	102
LCSD 880-17190/3-A	Lab Control Sample Dup	100	100
MB 880-17166/1-A	Method Blank	113	116
MB 880-17190/1-A	Method Blank	95	99
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-17053/5-A

Matrix: Solid

Analysis Batch: 17099

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17053

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 07:30	01/18/22 11:05	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 07:30	01/18/22 11:05	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 07:30	01/18/22 11:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 07:30	01/18/22 11:05	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 07:30	01/18/22 11:05	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 07:30	01/18/22 11:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	01/18/22 07:30	01/18/22 11:05	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/18/22 07:30	01/18/22 11:05	1

Lab Sample ID: 880-10289-1 MS

Matrix: Solid

Analysis Batch: 17099

Client Sample ID: FL1

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	58	S1-	70 - 130

Lab Sample ID: MB 880-17100/5-A

Matrix: Solid

Analysis Batch: 17101

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17100

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 07:57	01/18/22 11:11	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 07:57	01/18/22 11:11	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 07:57	01/18/22 11:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 07:57	01/18/22 11:11	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 07:57	01/18/22 11:11	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 07:57	01/18/22 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	01/18/22 07:57	01/18/22 11:11	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/18/22 07:57	01/18/22 11:11	1

Lab Sample ID: MB 880-17102/8

Matrix: Solid

Analysis Batch: 17102

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg			01/18/22 12:35	1
Toluene	<0.00200	U	0.00200	mg/Kg			01/18/22 12:35	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg			01/18/22 12:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg			01/18/22 12:35	1
o-Xylene	<0.00200	U	0.00200	mg/Kg			01/18/22 12:35	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg			01/18/22 12:35	1

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-17102/8

Matrix: Solid

Analysis Batch: 17102

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB						
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac	
4-Bromofluorobenzene (Surr)	75		70 - 130		01/18/22 12:35	1		
1,4-Difluorobenzene (Surr)	95		70 - 130		01/18/22 12:35	1		

Lab Sample ID: MB 880-17104/5-A

Matrix: Solid

Analysis Batch: 17099

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17104

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/18/22 21:58	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/18/22 21:58	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/18/22 21:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 10:00	01/18/22 21:58	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/18/22 21:58	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 10:00	01/18/22 21:58	1

	MB	MB						
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac	
4-Bromofluorobenzene (Surr)	97		70 - 130	01/18/22 10:00	01/18/22 21:58	1		
1,4-Difluorobenzene (Surr)	101		70 - 130	01/18/22 10:00	01/18/22 21:58	1		

Lab Sample ID: LCS 880-17104/1-A

Matrix: Solid

Analysis Batch: 17099

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17104

	Spike	LCS	LCS						
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	0.100	0.09039		mg/Kg		90	70 - 130		
Toluene	0.100	0.08625		mg/Kg		86	70 - 130		
Ethylbenzene	0.100	0.08709		mg/Kg		87	70 - 130		
m-Xylene & p-Xylene	0.200	0.1812		mg/Kg		91	70 - 130		
o-Xylene	0.100	0.08897		mg/Kg		89	70 - 130		

	LCS	LCS						
Surrogate	%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)	106		70 - 130					
1,4-Difluorobenzene (Surr)	101		70 - 130					

Lab Sample ID: LCSD 880-17104/2-A

Matrix: Solid

Analysis Batch: 17099

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17104

	Spike	LCSD	LCSD							
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.08644		mg/Kg		86	70 - 130	4	35	
Toluene	0.100	0.08087		mg/Kg		81	70 - 130	6	35	
Ethylbenzene	0.100	0.08033		mg/Kg		80	70 - 130	8	35	
m-Xylene & p-Xylene	0.200	0.1659		mg/Kg		83	70 - 130	9	35	
o-Xylene	0.100	0.08394		mg/Kg		84	70 - 130	6	35	

	LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)	101		70 - 130					

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-17104/2-A

Matrix: Solid

Analysis Batch: 17099

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17104

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 880-10289-1 MSD

Matrix: Solid

Analysis Batch: 17099

Client Sample ID: FL1

Prep Type: Total/NA

Prep Batch: 17104

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.06590		mg/Kg					
Toluene	<0.00200	U	0.100	0.05475		mg/Kg					
Ethylbenzene	<0.00200	U	0.100	0.05635		mg/Kg					
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1172		mg/Kg					
o-Xylene	<0.00200	U	0.100	0.05824		mg/Kg					

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-17106/5-A

Matrix: Solid

Analysis Batch: 17101

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17106

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/18/22 22:47	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/18/22 22:47	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/18/22 22:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 10:00	01/18/22 22:47	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 10:00	01/18/22 22:47	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 10:00	01/18/22 22:47	1

	MB	MB						
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	120		70 - 130	01/18/22 10:00	01/18/22 22:47	1		
1,4-Difluorobenzene (Surr)	100		70 - 130	01/18/22 10:00	01/18/22 22:47	1		

Lab Sample ID: LCS 880-17106/1-A

Matrix: Solid

Analysis Batch: 17101

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17106

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08917		mg/Kg		89	70 - 130
Toluene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2008		mg/Kg		100	70 - 130
o-Xylene	0.100	0.1025		mg/Kg		103	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-17106/2-A

Matrix: Solid

Analysis Batch: 17101

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17106

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08686		mg/Kg		87	70 - 130	3	35
Toluene	0.100	0.09436		mg/Kg		94	70 - 130	6	35
Ethylbenzene	0.100	0.09761		mg/Kg		98	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1883		mg/Kg		94	70 - 130	6	35
o-Xylene	0.100	0.09155		mg/Kg		92	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-10289-21 MS

Matrix: Solid

Analysis Batch: 17101

Client Sample ID: FL21

Prep Type: Total/NA

Prep Batch: 17106

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U F1	0.100	<0.00201	U F1	mg/Kg		0	70 - 130		
Toluene	<0.00198	U F1	0.100	<0.00201	U F1	mg/Kg		0	70 - 130		
Ethylbenzene	<0.00198	U F1	0.100	<0.00201	U F1	mg/Kg		0	70 - 130		
m-Xylene & p-Xylene	<0.00396	U F1	0.201	<0.00402	U F1	mg/Kg		0	70 - 130		
o-Xylene	<0.00198	U F1	0.100	<0.00201	U F1	mg/Kg		0	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	71		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 880-10289-21 MSD

Matrix: Solid

Analysis Batch: 17101

Client Sample ID: FL21

Prep Type: Total/NA

Prep Batch: 17106

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U F1	0.0994	0.06448	F1	mg/Kg		65	70 - 130	NC	35
Toluene	<0.00198	U F1	0.0994	0.1285		mg/Kg		129	70 - 130	NC	35
Ethylbenzene	<0.00198	U F1	0.0994	0.04644	F1	mg/Kg		47	70 - 130	NC	35
m-Xylene & p-Xylene	<0.00396	U F1	0.199	0.02197	F1	mg/Kg		11	70 - 130	NC	35
o-Xylene	<0.00198	U F1	0.0994	0.07998		mg/Kg		80	70 - 130	NC	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	73		70 - 130
1,4-Difluorobenzene (Surr)	79		70 - 130

Lab Sample ID: MB 880-17107/5-A

Matrix: Solid

Analysis Batch: 17102

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17107

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/18/22 20:24	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/18/22 20:24	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/18/22 20:24	1

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-17107/5-A

Matrix: Solid

Analysis Batch: 17102

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17107

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:14	01/18/22 20:24	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:14	01/18/22 20:24	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:14	01/18/22 20:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	60	S1-	70 - 130	01/18/22 09:14	01/18/22 20:24	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/18/22 09:14	01/18/22 20:24	1

Lab Sample ID: LCS 880-17107/1-A

Matrix: Solid

Analysis Batch: 17102

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17107

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1216		mg/Kg		122	70 - 130
Toluene	0.100	0.1084		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.09614		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1997		mg/Kg		100	70 - 130
o-Xylene	0.100	0.09771		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	82		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-17107/2-A

Matrix: Solid

Analysis Batch: 17102

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17107

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1225		mg/Kg		122	70 - 130	1	35
Toluene	0.100	0.1167		mg/Kg		117	70 - 130	7	35
Ethylbenzene	0.100	0.1003		mg/Kg		100	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2084		mg/Kg		104	70 - 130	4	35
o-Xylene	0.100	0.1027		mg/Kg		103	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-10289-41 MS

Matrix: Solid

Analysis Batch: 17102

Client Sample ID: FL41

Prep Type: Total/NA

Prep Batch: 17107

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1 F2	0.100	0.1010		mg/Kg		101	70 - 130
Toluene	<0.00200	U F1 F2	0.100	0.08755		mg/Kg		87	70 - 130
Ethylbenzene	<0.00200	U F1 F2	0.100	0.07273		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.201	0.1454		mg/Kg		72	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06793	F1	mg/Kg		68	70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	82		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 880-10289-41 MSD

Matrix: Solid

Analysis Batch: 17102

Client Sample ID: FL41

Prep Type: Total/NA

Prep Batch: 17107

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.100	0.05371	F1 F2	mg/Kg		54	70 - 130	61	35
Toluene	<0.00200	U F1 F2	0.100	0.04267	F1 F2	mg/Kg		43	70 - 130	69	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.04578	F1 F2	mg/Kg		46	70 - 130	45	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1076	F1	mg/Kg		54	70 - 130	30	35
o-Xylene	<0.00200	U F1	0.100	0.05247	F1	mg/Kg		52	70 - 130	26	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-17108/5-A

Matrix: Solid

Analysis Batch: 17207

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17108

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 10:51	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 10:51	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 10:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:18	01/19/22 10:51	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 10:51	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:18	01/19/22 10:51	1

	MB	MB						
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	118		70 - 130	01/18/22 09:18	01/19/22 10:51	1		
1,4-Difluorobenzene (Surr)	96		70 - 130	01/18/22 09:18	01/19/22 10:51	1		

Lab Sample ID: LCS 880-17108/1-A

Matrix: Solid

Analysis Batch: 17207

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17108

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09333		mg/Kg		93	70 - 130
Toluene	0.100	0.09792		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1016		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2014		mg/Kg		101	70 - 130
o-Xylene	0.100	0.09638		mg/Kg		96	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-17108/2-A

Matrix: Solid

Analysis Batch: 17207

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17108

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09280		mg/Kg		93	70 - 130	1	35
Toluene	0.100	0.09698		mg/Kg		97	70 - 130	1	35
Ethylbenzene	0.100	0.1062		mg/Kg		106	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2034		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1004		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-10289-61 MS

Matrix: Solid

Analysis Batch: 17207

Client Sample ID: FL61

Prep Type: Total/NA

Prep Batch: 17108

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.100	0.1050		mg/Kg		105	70 - 130		
Toluene	<0.00200	U F2 F1	0.100	0.02021	F1	mg/Kg		20	70 - 130		
Ethylbenzene	<0.00200	U F2 F1	0.100	0.02608	F1	mg/Kg		26	70 - 130		
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.04887	F1	mg/Kg		24	70 - 130		
o-Xylene	<0.00200	U F1	0.100	0.02140	F1	mg/Kg		21	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-10289-61 MSD

Matrix: Solid

Analysis Batch: 17207

Client Sample ID: FL61

Prep Type: Total/NA

Prep Batch: 17108

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.0996	0.04715	F2 F1	mg/Kg		47	70 - 130	76	35
Toluene	<0.00200	U F2 F1	0.0996	0.2538	F1 F2	mg/Kg		255	70 - 130	170	35
Ethylbenzene	<0.00200	U F2 F1	0.0996	0.2992	F1 F2	mg/Kg		300	70 - 130	168	35
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.199	0.1719	F2	mg/Kg		86	70 - 130	111	35
o-Xylene	<0.00200	U F1	0.0996	0.02806	F1	mg/Kg		28	70 - 130	27	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130
1,4-Difluorobenzene (Surr)	52	S1-	70 - 130

Lab Sample ID: MB 880-17109/5-A

Matrix: Solid

Analysis Batch: 17208

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17109

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 11:23	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 11:23	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 11:23	1

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-17109/5-A

Matrix: Solid

Analysis Batch: 17208

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17109

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:23	01/19/22 11:23	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 11:23	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:23	01/19/22 11:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	60	S1-	70 - 130	01/18/22 09:23	01/19/22 11:23	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/18/22 09:23	01/19/22 11:23	1

Lab Sample ID: LCS 880-17109/1-A

Matrix: Solid

Analysis Batch: 17208

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17109

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1290		mg/Kg		129	70 - 130
Toluene	0.100	0.1130		mg/Kg		113	70 - 130
Ethylbenzene	0.100	0.1007		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2085		mg/Kg		104	70 - 130
o-Xylene	0.100	0.09880		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	81		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-17109/2-A

Matrix: Solid

Analysis Batch: 17208

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17109

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1260		mg/Kg		126	70 - 130	2	35
Toluene	0.100	0.1124		mg/Kg		112	70 - 130	0	35
Ethylbenzene	0.100	0.09997		mg/Kg		100	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2082		mg/Kg		104	70 - 130	0	35
o-Xylene	0.100	0.09823		mg/Kg		98	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-10289-81 MS

Matrix: Solid

Analysis Batch: 17208

Client Sample ID: FL81

Prep Type: Total/NA

Prep Batch: 17109

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.100	0.1017		mg/Kg		102	70 - 130
Toluene	<0.00200	U	0.100	0.07489		mg/Kg		74	70 - 130
Ethylbenzene	<0.00200	U F2 F1	0.100	0.07715		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.1395		mg/Kg		70	70 - 130
o-Xylene	<0.00200	U	0.100	0.09256		mg/Kg		92	70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	82		70 - 130
1,4-Difluorobenzene (Surr)	74		70 - 130

Lab Sample ID: 880-10289-81 MSD

Matrix: Solid

Analysis Batch: 17208

Client Sample ID: FL81

Prep Type: Total/NA

Prep Batch: 17109

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.101	0.08409		mg/Kg		83	70 - 130	19	35
Toluene	<0.00200	U	0.101	0.08406		mg/Kg		83	70 - 130	12	35
Ethylbenzene	<0.00200	U F2 F1	0.101	0.03602	F2 F1	mg/Kg		36	70 - 130	73	35
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.202	0.08036	F2 F1	mg/Kg		40	70 - 130	54	35
o-Xylene	<0.00200	U	0.101	0.08808		mg/Kg		87	70 - 130	5	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	74		70 - 130
1,4-Difluorobenzene (Surr)	77		70 - 130

Lab Sample ID: MB 880-17110/5-A

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17110

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/19/22 22:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/19/22 22:33	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/19/22 22:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:26	01/19/22 22:33	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/19/22 22:33	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:26	01/19/22 22:33	1

	MB	MB						
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	106		70 - 130	01/18/22 09:26	01/19/22 22:33	1		
1,4-Difluorobenzene (Surr)	100		70 - 130	01/18/22 09:26	01/19/22 22:33	1		

Lab Sample ID: LCS 880-17110/1-A

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17110

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07586		mg/Kg		76	70 - 130
Toluene	0.100	0.07245		mg/Kg		72	70 - 130
Ethylbenzene	0.100	0.07363		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	0.200	0.1502		mg/Kg		75	70 - 130
o-Xylene	0.100	0.07485		mg/Kg		75	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-17110/2-A

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17110

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08884		mg/Kg		89	70 - 130	16	35
Toluene	0.100	0.08171		mg/Kg		82	70 - 130	12	35
Ethylbenzene	0.100	0.08318		mg/Kg		83	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1674		mg/Kg		84	70 - 130	11	35
o-Xylene	0.100	0.08250		mg/Kg		82	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-10289-101 MS

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: FL101

Prep Type: Total/NA

Prep Batch: 17110

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U F1 F2	0.0990	0.01677	F1	mg/Kg		16	70 - 130		
Toluene	<0.00198	U F1 F2	0.0990	0.01703	F1	mg/Kg		16	70 - 130		
Ethylbenzene	<0.00198	U F1 F2	0.0990	0.01633	F1	mg/Kg		16	70 - 130		
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.198	0.03490	F1	mg/Kg		18	70 - 130		
o-Xylene	<0.00198	U F1 F2	0.0990	0.02546	F1	mg/Kg		25	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 880-10289-101 MSD

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: FL101

Prep Type: Total/NA

Prep Batch: 17110

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U F1 F2	0.0992	0.005325	F1 F2	mg/Kg		4	70 - 130	104	35
Toluene	<0.00198	U F1 F2	0.0992	0.003081	F1 F2	mg/Kg		2	70 - 130	139	35
Ethylbenzene	<0.00198	U F1 F2	0.0992	0.005509	F1 F2	mg/Kg		6	70 - 130	99	35
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.198	0.01157	F1 F2	mg/Kg		6	70 - 130	100	35
o-Xylene	<0.00198	U F1 F2	0.0992	0.007396	F1 F2	mg/Kg		7	70 - 130	110	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-17114/5-A

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17114

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/19/22 07:30	01/19/22 10:46	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/19/22 07:30	01/19/22 10:46	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/19/22 07:30	01/19/22 10:46	1

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-17114/5-A

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17114

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/19/22 07:30	01/19/22 10:46	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/19/22 07:30	01/19/22 10:46	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/19/22 07:30	01/19/22 10:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/19/22 07:30	01/19/22 10:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/19/22 07:30	01/19/22 10:46	1

Lab Sample ID: MB 880-17131/5-A

Matrix: Solid

Analysis Batch: 17325

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17131

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/19/22 07:30	01/20/22 11:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/19/22 07:30	01/20/22 11:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/19/22 07:30	01/20/22 11:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/19/22 07:30	01/20/22 11:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/19/22 07:30	01/20/22 11:10	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/19/22 07:30	01/20/22 11:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	01/19/22 07:30	01/20/22 11:10	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/19/22 07:30	01/20/22 11:10	1

Lab Sample ID: MB 880-17218/5-A

Matrix: Solid

Analysis Batch: 17325

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17218

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/19/22 13:45	01/20/22 22:47	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/19/22 13:45	01/20/22 22:47	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/19/22 13:45	01/20/22 22:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/19/22 13:45	01/20/22 22:47	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/19/22 13:45	01/20/22 22:47	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/19/22 13:45	01/20/22 22:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/19/22 13:45	01/20/22 22:47	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/19/22 13:45	01/20/22 22:47	1

Lab Sample ID: LCS 880-17218/1-A

Matrix: Solid

Analysis Batch: 17325

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08639		mg/Kg		86	70 - 130
Toluene	0.100	0.09391		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.1005		mg/Kg		101	70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-17218/1-A

Matrix: Solid

Analysis Batch: 17325

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	0.200	0.1949		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09578		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-17218/2-A

Matrix: Solid

Analysis Batch: 17325

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17218

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.08994		mg/Kg		90	70 - 130	4	35
Toluene	0.100	0.1007		mg/Kg		101	70 - 130	7	35
Ethylbenzene	0.100	0.1039		mg/Kg		104	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2066		mg/Kg		103	70 - 130	6	35
o-Xylene	0.100	0.1011		mg/Kg		101	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-10289-115 MS

Matrix: Solid

Analysis Batch: 17325

Client Sample ID: FL115

Prep Type: Total/NA

Prep Batch: 17218

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F2 F1	0.101	0.03789	F1	mg/Kg		38	70 - 130
Toluene	<0.00200	U F2 F1	0.101	0.04071	F1	mg/Kg		40	70 - 130
Ethylbenzene	<0.00200	U F2 F1	0.101	0.03994	F1	mg/Kg		40	70 - 130
m-Xylene & p-Xylene	<0.00400	U F2 F1	0.201	0.07742	F1	mg/Kg		38	70 - 130
o-Xylene	<0.00200	U F2 F1	0.101	0.04275	F1	mg/Kg		42	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-10289-115 MSD

Matrix: Solid

Analysis Batch: 17325

Client Sample ID: FL115

Prep Type: Total/NA

Prep Batch: 17218

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00200	U F2 F1	0.100	0.02260	F2 F1	mg/Kg		23	70 - 130	51	35
Toluene	<0.00200	U F2 F1	0.100	0.01774	F2 F1	mg/Kg		18	70 - 130	79	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.02099	F2 F1	mg/Kg		21	70 - 130	62	35
m-Xylene & p-Xylene	<0.00400	U F2 F1	0.200	0.04615	F2 F1	mg/Kg		23	70 - 130	51	35
o-Xylene	<0.00200	U F2 F1	0.100	0.02730	F2 F1	mg/Kg		27	70 - 130	44	35

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-10289-115 MSD

Matrix: Solid

Analysis Batch: 17325

Client Sample ID: FL115

Prep Type: Total/NA

Prep Batch: 17218

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-17166/1-A

Matrix: Solid

Analysis Batch: 17331

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17166

Analyte	MB	MB							
	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 10:21	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 10:21	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:33	01/20/22 10:21	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil	Fac
1-Chlorooctane	113		70 - 130			01/18/22 13:33	01/20/22 10:21	1	
o-Terphenyl	116		70 - 130			01/18/22 13:33	01/20/22 10:21	1	

Lab Sample ID: LCS 880-17166/2-A

Matrix: Solid

Analysis Batch: 17331

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17166

Analyte	Spike	LCS	LCS						
	Added	Result	Qualifier	Unit	D	%Rec	%Rec.	Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	939.4		mg/Kg		94		70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1002		mg/Kg		100		70 - 130	
Surrogate	LCS	LCS							
	%Recovery	Qualifier	Limits						
1-Chlorooctane	109		70 - 130						
o-Terphenyl	102		70 - 130						

Lab Sample ID: LCSD 880-17166/3-A

Matrix: Solid

Analysis Batch: 17331

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17166

Analyte	Spike	LCSD	LCSD						
	Added	Result	Qualifier	Unit	D	%Rec	%Rec.	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	956.8		mg/Kg		96		2	20
Diesel Range Organics (Over C10-C28)	1000	1043		mg/Kg		104		4	20
Surrogate	LCSD	LCSD							
	%Recovery	Qualifier	Limits						
1-Chlorooctane	105		70 - 130						
o-Terphenyl	102		70 - 130						

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-10289-1 MS

Matrix: Solid

Analysis Batch: 17331

Client Sample ID: FL1

Prep Type: Total/NA

Prep Batch: 17166

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	997	948.7		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1067		mg/Kg		107	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	85		70 - 130						
o-Terphenyl	77		70 - 130						

Lab Sample ID: 880-10289-1 MSD

Matrix: Solid

Analysis Batch: 17331

Client Sample ID: FL1

Prep Type: Total/NA

Prep Batch: 17166

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	996	1194	F2	mg/Kg		117	70 - 130	23	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1284		mg/Kg		129	70 - 130	18	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	100		70 - 130								
o-Terphenyl	90		70 - 130								

Lab Sample ID: MB 880-17190/1-A

Matrix: Solid

Analysis Batch: 17214

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17190

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 10:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 10:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:33	01/19/22 10:09	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130			01/18/22 15:33	01/19/22 10:09	1
o-Terphenyl	99		70 - 130			01/18/22 15:33	01/19/22 10:09	1

Lab Sample ID: LCS 880-17190/2-A

Matrix: Solid

Analysis Batch: 17214

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17190

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	917.0		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	977.9		mg/Kg		98	70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-17190/2-A

Matrix: Solid

Analysis Batch: 17214

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17190

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	112		70 - 130

Lab Sample ID: LCSD 880-17190/3-A

Matrix: Solid

Analysis Batch: 17214

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17190

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	949.5		mg/Kg		95	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	976.8		mg/Kg		98	70 - 130	0	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: 880-10289-21 MS

Matrix: Solid

Analysis Batch: 17214

Client Sample ID: FL21

Prep Type: Total/NA

Prep Batch: 17190

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1001		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1115		mg/Kg		112	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: 880-10289-21 MSD

Matrix: Solid

Analysis Batch: 17214

Client Sample ID: FL21

Prep Type: Total/NA

Prep Batch: 17190

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	1042		mg/Kg		103	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1157		mg/Kg		116	70 - 130	4	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	96		70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-17191/1-A

Matrix: Solid

Analysis Batch: 17209

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17191

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 10:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 10:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:42	01/19/22 10:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130			01/18/22 15:42	01/19/22 10:12	1
o-Terphenyl	82		70 - 130			01/18/22 15:42	01/19/22 10:12	1

Lab Sample ID: LCS 880-17191/2-A

Matrix: Solid

Analysis Batch: 17209

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17191

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	970.6		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1030		mg/Kg		103	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	99		70 - 130				
o-Terphenyl	106		70 - 130				

Lab Sample ID: LCSD 880-17191/3-A

Matrix: Solid

Analysis Batch: 17209

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17191

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	831.4		mg/Kg		83	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	1000	968.2		mg/Kg		97	70 - 130	6	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	91		70 - 130						
o-Terphenyl	100		70 - 130						

Lab Sample ID: 880-10289-41 MS

Matrix: Solid

Analysis Batch: 17209

Client Sample ID: FL41

Prep Type: Total/NA

Prep Batch: 17191

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	906.9		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	989.3		mg/Kg		97	70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-10289-41 MS

Matrix: Solid

Analysis Batch: 17209

Client Sample ID: FL41

Prep Type: Total/NA

Prep Batch: 17191

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	64	S1-	70 - 130
o-Terphenyl	64	S1-	70 - 130

Lab Sample ID: 880-10289-41 MSD

Matrix: Solid

Analysis Batch: 17209

Client Sample ID: FL41

Prep Type: Total/NA

Prep Batch: 17191

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	917.5		mg/Kg		92	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1001		mg/Kg		99	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	64	S1-	70 - 130
o-Terphenyl	65	S1-	70 - 130

Lab Sample ID: MB 880-17192/1-A

Matrix: Solid

Analysis Batch: 17211

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17192

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 10:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 10:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 15:46	01/19/22 10:12	1

	MB	MB						
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
1-Chlorooctane	68	S1-	70 - 130	01/18/22 15:46	01/19/22 10:12	1		
o-Terphenyl	71		70 - 130	01/18/22 15:46	01/19/22 10:12	1		

Lab Sample ID: LCS 880-17192/2-A

Matrix: Solid

Analysis Batch: 17211

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17192

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	948.9		mg/Kg		95	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	913.9		mg/Kg		91	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	100		70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-17192/3-A

Matrix: Solid

Analysis Batch: 17211

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17192

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	933.2		mg/Kg		93	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	802.5		mg/Kg		80	70 - 130	13	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	86		70 - 130						
o-Terphenyl	81		70 - 130						

Lab Sample ID: 880-10289-61 MS

Matrix: Solid

Analysis Batch: 17211

Client Sample ID: FL61

Prep Type: Total/NA

Prep Batch: 17192

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1176		mg/Kg		118	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1010		mg/Kg		100	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	70		70 - 130								
o-Terphenyl	63	S1-	70 - 130								

Lab Sample ID: 880-10289-61 MSD

Matrix: Solid

Analysis Batch: 17211

Client Sample ID: FL61

Prep Type: Total/NA

Prep Batch: 17192

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	1265		mg/Kg		127	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1176		mg/Kg		116	70 - 130	15	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	78		70 - 130								
o-Terphenyl	73		70 - 130								

Lab Sample ID: MB 880-17215/1-A

Matrix: Solid

Analysis Batch: 17326

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17215

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 10:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 10:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:46	01/20/22 10:19	1

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-17215/1-A

Matrix: Solid

Analysis Batch: 17326

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17215

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130	01/19/22 08:46	01/20/22 10:19	1
o-Terphenyl	78		70 - 130	01/19/22 08:46	01/20/22 10:19	1

Lab Sample ID: LCS 880-17215/2-A

Matrix: Solid

Analysis Batch: 17326

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17215

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	848.0		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.1		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: LCSD 880-17215/3-A

Matrix: Solid

Analysis Batch: 17326

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17215

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	812.8		mg/Kg		81	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	971.8		mg/Kg		97	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 880-10289-81 MS

Matrix: Solid

Analysis Batch: 17326

Client Sample ID: FL81

Prep Type: Total/NA

Prep Batch: 17215

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	997	938.4		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1048		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	64	S1-	70 - 130
o-Terphenyl	65	S1-	70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-10289-81 MSD

Matrix: Solid

Analysis Batch: 17326

Client Sample ID: FL81

Prep Type: Total/NA

Prep Batch: 17215

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	996	1309	F2	mg/Kg		129	70 - 130	33	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1161		mg/Kg		114	70 - 130	10	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	70		70 - 130								
o-Terphenyl	70		70 - 130								

Lab Sample ID: MB 880-17216/1-A

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17216

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 10:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 10:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 10:19	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			01/19/22 08:50	01/20/22 10:19	1
o-Terphenyl	71		70 - 130			01/19/22 08:50	01/20/22 10:19	1

Lab Sample ID: LCS 880-17216/2-A

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17216

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	906.6		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	732.5		mg/Kg		73	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	88		70 - 130						
o-Terphenyl	79		70 - 130						

Lab Sample ID: LCSD 880-17216/3-A

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17216

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1127	*1	mg/Kg		113	70 - 130	22	20
Diesel Range Organics (Over C10-C28)	1000	1012	*1	mg/Kg		101	70 - 130	32	20

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-17216/3-A

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17216

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: 880-10289-101 MS

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: FL101

Prep Type: Total/NA

Prep Batch: 17216

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	997	1166		mg/Kg		117	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *1	997	1098		mg/Kg		109	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	74		70 - 130
o-Terphenyl	65	S1-	70 - 130

Lab Sample ID: 880-10289-101 MSD

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: FL101

Prep Type: Total/NA

Prep Batch: 17216

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	996	1091		mg/Kg		110	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1	996	1035		mg/Kg		102	70 - 130	6	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	69	S1-	70 - 130
o-Terphenyl	61	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-17139/1-A

Matrix: Solid

Analysis Batch: 17187

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/19/22 23:29	1

Lab Sample ID: LCS 880-17139/2-A

Matrix: Solid

Analysis Batch: 17187

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	249.0		mg/Kg		100	90 - 110

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-17139/3-A

Matrix: Solid

Analysis Batch: 17187

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	265.7		mg/Kg		106	90 - 110	7	20

Lab Sample ID: 880-10289-1 MS

Matrix: Solid

Analysis Batch: 17187

Client Sample ID: FL1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	126	F1	253	409.6	F1	mg/Kg		112	90 - 110		

Lab Sample ID: 880-10289-1 MSD

Matrix: Solid

Analysis Batch: 17187

Client Sample ID: FL1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	126	F1	253	393.9		mg/Kg		106	90 - 110	4	20

Lab Sample ID: MB 880-17135/1-A

Matrix: Solid

Analysis Batch: 17284

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/19/22 13:22	1

Lab Sample ID: LCS 880-17135/2-A

Matrix: Solid

Analysis Batch: 17284

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	252.5		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-17135/3-A

Matrix: Solid

Analysis Batch: 17284

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	257.7		mg/Kg		103	90 - 110	2	20

Lab Sample ID: 880-10287-A-2-D MS

Matrix: Solid

Analysis Batch: 17284

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1210	F1	1250	2586		mg/Kg		110	90 - 110		

Lab Sample ID: 880-10287-A-2-E MSD

Matrix: Solid

Analysis Batch: 17284

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1210	F1	1250	2848	F1	mg/Kg		131	90 - 110	10	20

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-17138/1-A

Matrix: Solid

Analysis Batch: 17321

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/20/22 04:22	1

Lab Sample ID: LCS 880-17138/2-A

Matrix: Solid

Analysis Batch: 17321

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	271.5		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-17138/3-A

Matrix: Solid

Analysis Batch: 17321

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	273.1		mg/Kg		109	90 - 110	1	20

Lab Sample ID: 880-10289-98 MS

Matrix: Solid

Analysis Batch: 17321

Client Sample ID: FL98

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	40.6	F1	248	320.3	F1	mg/Kg		113	90 - 110

Lab Sample ID: 880-10289-98 MSD

Matrix: Solid

Analysis Batch: 17321

Client Sample ID: FL98

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	40.6	F1	248	336.1	F1	mg/Kg		119	90 - 110	5	20

Lab Sample ID: 880-10289-108 MS

Matrix: Solid

Analysis Batch: 17321

Client Sample ID: FL108

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	126	F1	250	393.0		mg/Kg		107	90 - 110

Lab Sample ID: 880-10289-108 MSD

Matrix: Solid

Analysis Batch: 17321

Client Sample ID: FL108

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	126	F1	250	426.5	F1	mg/Kg		121	90 - 110	8	20

Lab Sample ID: MB 880-17137/1-A

Matrix: Solid

Analysis Batch: 17345

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/20/22 08:59	1

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-17137/2-A

Matrix: Solid

Analysis Batch: 17345

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	268.4		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-17137/3-A

Matrix: Solid

Analysis Batch: 17345

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	267.9		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-10289-78 MS

Matrix: Solid

Analysis Batch: 17345

Client Sample ID: FL78

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	63.5	F1	249	349.3	F1	mg/Kg		115	90 - 110

Lab Sample ID: 880-10289-78 MSD

Matrix: Solid

Analysis Batch: 17345

Client Sample ID: FL78

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	63.5	F1	249	343.7	F1	mg/Kg		113	90 - 110	2	20

Lab Sample ID: 880-10289-88 MS

Matrix: Solid

Analysis Batch: 17345

Client Sample ID: FL88

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	F1	248	323.6	F1	mg/Kg		111	90 - 110

Lab Sample ID: 880-10289-88 MSD

Matrix: Solid

Analysis Batch: 17345

Client Sample ID: FL88

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	50.0	F1	248	322.2		mg/Kg		110	90 - 110	0	20

Lab Sample ID: MB 880-17136/1-A

Matrix: Solid

Analysis Batch: 17346

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/20/22 09:20	1

Lab Sample ID: LCS 880-17136/2-A

Matrix: Solid

Analysis Batch: 17346

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	242.0		mg/Kg		97	90 - 110

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-17136/3-A

Matrix: Solid

Analysis Batch: 17346

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	232.1		mg/Kg		93	90 - 110	4	20

Lab Sample ID: 880-10289-58 MS

Matrix: Solid

Analysis Batch: 17346

Client Sample ID: FL58

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	18.7		253	295.8		mg/Kg		110	90 - 110		

Lab Sample ID: 880-10289-58 MSD

Matrix: Solid

Analysis Batch: 17346

Client Sample ID: FL58

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	18.7		253	275.8		mg/Kg		102	90 - 110	7	20

Lab Sample ID: 880-10289-68 MS

Matrix: Solid

Analysis Batch: 17346

Client Sample ID: FL68

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	25.9		248	276.9		mg/Kg		101	90 - 110		

Lab Sample ID: 880-10289-68 MSD

Matrix: Solid

Analysis Batch: 17346

Client Sample ID: FL68

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	25.9		248	259.6		mg/Kg		94	90 - 110	6	20

Lab Sample ID: MB 880-17142/1-A

Matrix: Solid

Analysis Batch: 17412

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/21/22 15:24	1

Lab Sample ID: LCS 880-17142/2-A

Matrix: Solid

Analysis Batch: 17412

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	253.1		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-17142/3-A

Matrix: Solid

Analysis Batch: 17412

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	247.8		mg/Kg		99	90 - 110	2	20

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-10289-42 MS

Matrix: Solid

Analysis Batch: 17412

Client Sample ID: FL42

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	16.6	F1	248	295.0	F1	mg/Kg		112	90 - 110		

Lab Sample ID: 880-10289-42 MSD

Matrix: Solid

Analysis Batch: 17412

Client Sample ID: FL42

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	16.6	F1	248	290.2	F1	mg/Kg		111	90 - 110	2	20

Lab Sample ID: 880-10289-52 MS

Matrix: Solid

Analysis Batch: 17412

Client Sample ID: FL52

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	270		248	524.1		mg/Kg		103	90 - 110		

Lab Sample ID: 880-10289-52 MSD

Matrix: Solid

Analysis Batch: 17412

Client Sample ID: FL52

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	270		248	519.4		mg/Kg		101	90 - 110	1	20

Lab Sample ID: MB 880-17141/1-A

Matrix: Solid

Analysis Batch: 17413

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/21/22 19:01	1

Lab Sample ID: LCS 880-17141/2-A

Matrix: Solid

Analysis Batch: 17413

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	250	272.4		mg/Kg		109	90 - 110		

Lab Sample ID: LCSD 880-17141/3-A

Matrix: Solid

Analysis Batch: 17413

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	273.2		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-10289-22 MS

Matrix: Solid

Analysis Batch: 17413

Client Sample ID: FL22

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	330	F1	250	612.1	F1	mg/Kg		113	90 - 110		

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-10289-22 MSD

Matrix: Solid

Analysis Batch: 17413

Client Sample ID: FL22

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	330	F1	250	607.3	F1	mg/Kg		111	90 - 110	1	20

Lab Sample ID: 880-10289-32 MS

Matrix: Solid

Analysis Batch: 17413

Client Sample ID: FL32

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	168	F1	249	448.2	F1	mg/Kg		113	90 - 110		

Lab Sample ID: 880-10289-32 MSD

Matrix: Solid

Analysis Batch: 17413

Client Sample ID: FL32

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	168	F1	249	446.9	F1	mg/Kg		112	90 - 110	0	20

Lab Sample ID: MB 880-17140/1-A

Matrix: Solid

Analysis Batch: 17414

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/23/22 14:10	1

Lab Sample ID: LCS 880-17140/2-A

Matrix: Solid

Analysis Batch: 17414

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	250	245.8		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-17140/3-A

Matrix: Solid

Analysis Batch: 17414

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	260.4		mg/Kg		104	90 - 110	6	20

Lab Sample ID: 880-10289-2 MS

Matrix: Solid

Analysis Batch: 17414

Client Sample ID: FL2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	161	F1	251	477.6	F1	mg/Kg		126	90 - 110		

Lab Sample ID: 880-10289-2 MSD

Matrix: Solid

Analysis Batch: 17414

Client Sample ID: FL2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	161	F1	251	446.4	F1	mg/Kg		114	90 - 110	7	20

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-10289-12 MS										Client Sample ID: FL12		
Matrix: Solid										Prep Type: Soluble		
Analysis Batch: 17414												
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits			
Chloride	560	F1	251	853.2	F1	mg/Kg		117	90 - 110			

Lab Sample ID: 880-10289-12 MSD										Client Sample ID: FL12		
Matrix: Solid										Prep Type: Soluble		
Analysis Batch: 17414												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit	
Chloride	560	F1	251	799.9		mg/Kg		96	90 - 110	6	20	

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC VOA

Prep Batch: 17053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-17053/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 17099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-1	FL1	Total/NA	Solid	8021B	17104
880-10289-2	FL2	Total/NA	Solid	8021B	17104
880-10289-3	FL3	Total/NA	Solid	8021B	17104
880-10289-4	FL4	Total/NA	Solid	8021B	17104
880-10289-5	FL5	Total/NA	Solid	8021B	17104
880-10289-6	FL6	Total/NA	Solid	8021B	17104
880-10289-7	FL7	Total/NA	Solid	8021B	17104
880-10289-8	FL8	Total/NA	Solid	8021B	17104
880-10289-9	FL9	Total/NA	Solid	8021B	17104
880-10289-10	FL10	Total/NA	Solid	8021B	17104
880-10289-11	FL11	Total/NA	Solid	8021B	17104
880-10289-12	FL12	Total/NA	Solid	8021B	17104
880-10289-13	FL13	Total/NA	Solid	8021B	17104
880-10289-14	FL14	Total/NA	Solid	8021B	17104
880-10289-15	FL15	Total/NA	Solid	8021B	17104
880-10289-16	FL16	Total/NA	Solid	8021B	17104
880-10289-17	FL17	Total/NA	Solid	8021B	17104
880-10289-18	FL18	Total/NA	Solid	8021B	17104
880-10289-19	FL19	Total/NA	Solid	8021B	17104
880-10289-20	FL20	Total/NA	Solid	8021B	17104
MB 880-17053/5-A	Method Blank	Total/NA	Solid	8021B	17053
MB 880-17104/5-A	Method Blank	Total/NA	Solid	8021B	17104
LCS 880-17104/1-A	Lab Control Sample	Total/NA	Solid	8021B	17104
LCSD 880-17104/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17104
880-10289-1 MS	FL1	Total/NA	Solid	8021B	
880-10289-1 MSD	FL1	Total/NA	Solid	8021B	17104

Prep Batch: 17100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-17100/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 17101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-21	FL21	Total/NA	Solid	8021B	17106
880-10289-22	FL22	Total/NA	Solid	8021B	17106
880-10289-23	FL23	Total/NA	Solid	8021B	17106
880-10289-24	FL24	Total/NA	Solid	8021B	17106
880-10289-25	FL25	Total/NA	Solid	8021B	17106
880-10289-26	FL26	Total/NA	Solid	8021B	17106
880-10289-27	FL27	Total/NA	Solid	8021B	17106
880-10289-28	FL128	Total/NA	Solid	8021B	17106
880-10289-29	FL29	Total/NA	Solid	8021B	17106
880-10289-30	FL30	Total/NA	Solid	8021B	17106
880-10289-31	FL31	Total/NA	Solid	8021B	17106
880-10289-32	FL32	Total/NA	Solid	8021B	17106
880-10289-33	FL33	Total/NA	Solid	8021B	17106
880-10289-34	FL34	Total/NA	Solid	8021B	17106

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC VOA (Continued)

Analysis Batch: 17101 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-35	FL35	Total/NA	Solid	8021B	17106
880-10289-36	FL36	Total/NA	Solid	8021B	17106
880-10289-37	FL37	Total/NA	Solid	8021B	17106
880-10289-38	FL38	Total/NA	Solid	8021B	17106
880-10289-39	FL39	Total/NA	Solid	8021B	17106
880-10289-40	FL40	Total/NA	Solid	8021B	17106
MB 880-17100/5-A	Method Blank	Total/NA	Solid	8021B	17100
MB 880-17106/5-A	Method Blank	Total/NA	Solid	8021B	17106
LCS 880-17106/1-A	Lab Control Sample	Total/NA	Solid	8021B	17106
LCSD 880-17106/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17106
880-10289-21 MS	FL21	Total/NA	Solid	8021B	17106
880-10289-21 MSD	FL21	Total/NA	Solid	8021B	17106

Analysis Batch: 17102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-41	FL41	Total/NA	Solid	8021B	17107
880-10289-42	FL42	Total/NA	Solid	8021B	17107
880-10289-43	FL43	Total/NA	Solid	8021B	17107
880-10289-44	FL44	Total/NA	Solid	8021B	17107
880-10289-45	FL45	Total/NA	Solid	8021B	17107
880-10289-46	FL46	Total/NA	Solid	8021B	17107
880-10289-47	FL47	Total/NA	Solid	8021B	17107
880-10289-48	FL48	Total/NA	Solid	8021B	17107
880-10289-49	FL49	Total/NA	Solid	8021B	17107
880-10289-50	FL50	Total/NA	Solid	8021B	17107
880-10289-51	FL51	Total/NA	Solid	8021B	17107
880-10289-52	FL52	Total/NA	Solid	8021B	17107
880-10289-53	FL53	Total/NA	Solid	8021B	17107
880-10289-54	FL54	Total/NA	Solid	8021B	17107
880-10289-55	FL55	Total/NA	Solid	8021B	17107
880-10289-56	FL56	Total/NA	Solid	8021B	17107
880-10289-57	FL57	Total/NA	Solid	8021B	17107
880-10289-58	FL58	Total/NA	Solid	8021B	17107
880-10289-59	FL59	Total/NA	Solid	8021B	17107
880-10289-60	FL60	Total/NA	Solid	8021B	17107
MB 880-17102/8	Method Blank	Total/NA	Solid	8021B	
MB 880-17107/5-A	Method Blank	Total/NA	Solid	8021B	17107
LCS 880-17107/1-A	Lab Control Sample	Total/NA	Solid	8021B	17107
LCSD 880-17107/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17107
880-10289-41 MS	FL41	Total/NA	Solid	8021B	17107
880-10289-41 MSD	FL41	Total/NA	Solid	8021B	17107

Prep Batch: 17104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-1	FL1	Total/NA	Solid	5035	
880-10289-2	FL2	Total/NA	Solid	5035	
880-10289-3	FL3	Total/NA	Solid	5035	
880-10289-4	FL4	Total/NA	Solid	5035	
880-10289-5	FL5	Total/NA	Solid	5035	
880-10289-6	FL6	Total/NA	Solid	5035	
880-10289-7	FL7	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC VOA (Continued)

Prep Batch: 17104 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-8	FL8	Total/NA	Solid	5035	
880-10289-9	FL9	Total/NA	Solid	5035	
880-10289-10	FL10	Total/NA	Solid	5035	
880-10289-11	FL11	Total/NA	Solid	5035	
880-10289-12	FL12	Total/NA	Solid	5035	
880-10289-13	FL13	Total/NA	Solid	5035	
880-10289-14	FL14	Total/NA	Solid	5035	
880-10289-15	FL15	Total/NA	Solid	5035	
880-10289-16	FL16	Total/NA	Solid	5035	
880-10289-17	FL17	Total/NA	Solid	5035	
880-10289-18	FL18	Total/NA	Solid	5035	
880-10289-19	FL19	Total/NA	Solid	5035	
880-10289-20	FL20	Total/NA	Solid	5035	
MB 880-17104/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17104/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17104/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10289-1 MSD	FL1	Total/NA	Solid	5035	

Prep Batch: 17106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-21	FL21	Total/NA	Solid	5035	
880-10289-22	FL22	Total/NA	Solid	5035	
880-10289-23	FL23	Total/NA	Solid	5035	
880-10289-24	FL24	Total/NA	Solid	5035	
880-10289-25	FL25	Total/NA	Solid	5035	
880-10289-26	FL26	Total/NA	Solid	5035	
880-10289-27	FL27	Total/NA	Solid	5035	
880-10289-28	FL128	Total/NA	Solid	5035	
880-10289-29	FL29	Total/NA	Solid	5035	
880-10289-30	FL30	Total/NA	Solid	5035	
880-10289-31	FL31	Total/NA	Solid	5035	
880-10289-32	FL32	Total/NA	Solid	5035	
880-10289-33	FL33	Total/NA	Solid	5035	
880-10289-34	FL34	Total/NA	Solid	5035	
880-10289-35	FL35	Total/NA	Solid	5035	
880-10289-36	FL36	Total/NA	Solid	5035	
880-10289-37	FL37	Total/NA	Solid	5035	
880-10289-38	FL38	Total/NA	Solid	5035	
880-10289-39	FL39	Total/NA	Solid	5035	
880-10289-40	FL40	Total/NA	Solid	5035	
MB 880-17106/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17106/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17106/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10289-21 MS	FL21	Total/NA	Solid	5035	
880-10289-21 MSD	FL21	Total/NA	Solid	5035	

Prep Batch: 17107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-41	FL41	Total/NA	Solid	5035	
880-10289-42	FL42	Total/NA	Solid	5035	
880-10289-43	FL43	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC VOA (Continued)

Prep Batch: 17107 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-44	FL44	Total/NA	Solid	5035	
880-10289-45	FL45	Total/NA	Solid	5035	
880-10289-46	FL46	Total/NA	Solid	5035	
880-10289-47	FL47	Total/NA	Solid	5035	
880-10289-48	FL48	Total/NA	Solid	5035	
880-10289-49	FL49	Total/NA	Solid	5035	
880-10289-50	FL50	Total/NA	Solid	5035	
880-10289-51	FL51	Total/NA	Solid	5035	
880-10289-52	FL52	Total/NA	Solid	5035	
880-10289-53	FL53	Total/NA	Solid	5035	
880-10289-54	FL54	Total/NA	Solid	5035	
880-10289-55	FL55	Total/NA	Solid	5035	
880-10289-56	FL56	Total/NA	Solid	5035	
880-10289-57	FL57	Total/NA	Solid	5035	
880-10289-58	FL58	Total/NA	Solid	5035	
880-10289-59	FL59	Total/NA	Solid	5035	
880-10289-60	FL60	Total/NA	Solid	5035	
MB 880-17107/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17107/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17107/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10289-41 MS	FL41	Total/NA	Solid	5035	
880-10289-41 MSD	FL41	Total/NA	Solid	5035	

Prep Batch: 17108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-61	FL61	Total/NA	Solid	5035	
880-10289-62	FL62	Total/NA	Solid	5035	
880-10289-63	FL63	Total/NA	Solid	5035	
880-10289-64	FL64	Total/NA	Solid	5035	
880-10289-65	FL65	Total/NA	Solid	5035	
880-10289-66	FL66	Total/NA	Solid	5035	
880-10289-67	FL67	Total/NA	Solid	5035	
880-10289-68	FL68	Total/NA	Solid	5035	
880-10289-69	FL69	Total/NA	Solid	5035	
880-10289-70	FL70	Total/NA	Solid	5035	
880-10289-71	FL71	Total/NA	Solid	5035	
880-10289-72	FL72	Total/NA	Solid	5035	
880-10289-73	FL73	Total/NA	Solid	5035	
880-10289-74	FL74	Total/NA	Solid	5035	
880-10289-75	FL75	Total/NA	Solid	5035	
880-10289-76	FL76	Total/NA	Solid	5035	
880-10289-77	FL77	Total/NA	Solid	5035	
880-10289-78	FL78	Total/NA	Solid	5035	
880-10289-79	FL79	Total/NA	Solid	5035	
880-10289-80	FL80	Total/NA	Solid	5035	
MB 880-17108/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17108/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17108/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10289-61 MS	FL61	Total/NA	Solid	5035	
880-10289-61 MSD	FL61	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC VOA

Prep Batch: 17109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-81	FL81	Total/NA	Solid	5035	
880-10289-82	FL82	Total/NA	Solid	5035	
880-10289-83	FL83	Total/NA	Solid	5035	
880-10289-84	FL84	Total/NA	Solid	5035	
880-10289-85	FL85	Total/NA	Solid	5035	
880-10289-86	FL86	Total/NA	Solid	5035	
880-10289-87	FL87	Total/NA	Solid	5035	
880-10289-88	FL88	Total/NA	Solid	5035	
880-10289-89	FL89	Total/NA	Solid	5035	
880-10289-90	FL90	Total/NA	Solid	5035	
880-10289-91	FL91	Total/NA	Solid	5035	
880-10289-92	FL92	Total/NA	Solid	5035	
880-10289-93	FL93	Total/NA	Solid	5035	
880-10289-94	FL94	Total/NA	Solid	5035	
880-10289-95	FL95	Total/NA	Solid	5035	
880-10289-96	FL96	Total/NA	Solid	5035	
880-10289-97	FL97	Total/NA	Solid	5035	
880-10289-98	FL98	Total/NA	Solid	5035	
880-10289-99	FL99	Total/NA	Solid	5035	
880-10289-100	FL100	Total/NA	Solid	5035	
MB 880-17109/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17109/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17109/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10289-81 MS	FL81	Total/NA	Solid	5035	
880-10289-81 MSD	FL81	Total/NA	Solid	5035	

Prep Batch: 17110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-101	FL101	Total/NA	Solid	5035	
880-10289-102	FL102	Total/NA	Solid	5035	
880-10289-103	FL103	Total/NA	Solid	5035	
880-10289-104	FL104	Total/NA	Solid	5035	
880-10289-105	FL105	Total/NA	Solid	5035	
880-10289-106	FL106	Total/NA	Solid	5035	
880-10289-107	FL107	Total/NA	Solid	5035	
880-10289-108	FL108	Total/NA	Solid	5035	
880-10289-109	FL109	Total/NA	Solid	5035	
880-10289-110	FL110	Total/NA	Solid	5035	
880-10289-111	FL111	Total/NA	Solid	5035	
880-10289-112	FL112	Total/NA	Solid	5035	
880-10289-113	FL113	Total/NA	Solid	5035	
880-10289-114	FL114	Total/NA	Solid	5035	
MB 880-17110/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17110/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17110/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10289-101 MS	FL101	Total/NA	Solid	5035	
880-10289-101 MSD	FL101	Total/NA	Solid	5035	

Prep Batch: 17114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-17114/5-A	Method Blank	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC VOA

Prep Batch: 17131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-17131/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 17206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-101	FL101	Total/NA	Solid	8021B	17110
880-10289-102	FL102	Total/NA	Solid	8021B	17110
880-10289-103	FL103	Total/NA	Solid	8021B	17110
880-10289-104	FL104	Total/NA	Solid	8021B	17110
880-10289-105	FL105	Total/NA	Solid	8021B	17110
880-10289-106	FL106	Total/NA	Solid	8021B	17110
880-10289-107	FL107	Total/NA	Solid	8021B	17110
880-10289-108	FL108	Total/NA	Solid	8021B	17110
880-10289-109	FL109	Total/NA	Solid	8021B	17110
880-10289-110	FL110	Total/NA	Solid	8021B	17110
880-10289-111	FL111	Total/NA	Solid	8021B	17110
880-10289-112	FL112	Total/NA	Solid	8021B	17110
880-10289-113	FL113	Total/NA	Solid	8021B	17110
880-10289-114	FL114	Total/NA	Solid	8021B	17110
MB 880-17110/5-A	Method Blank	Total/NA	Solid	8021B	17110
MB 880-17114/5-A	Method Blank	Total/NA	Solid	8021B	17114
LCS 880-17110/1-A	Lab Control Sample	Total/NA	Solid	8021B	17110
LCSD 880-17110/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17110
880-10289-101 MS	FL101	Total/NA	Solid	8021B	17110
880-10289-101 MSD	FL101	Total/NA	Solid	8021B	17110

Analysis Batch: 17207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-61	FL61	Total/NA	Solid	8021B	17108
880-10289-62	FL62	Total/NA	Solid	8021B	17108
880-10289-63	FL63	Total/NA	Solid	8021B	17108
880-10289-64	FL64	Total/NA	Solid	8021B	17108
880-10289-65	FL65	Total/NA	Solid	8021B	17108
880-10289-66	FL66	Total/NA	Solid	8021B	17108
880-10289-67	FL67	Total/NA	Solid	8021B	17108
880-10289-68	FL68	Total/NA	Solid	8021B	17108
880-10289-69	FL69	Total/NA	Solid	8021B	17108
880-10289-70	FL70	Total/NA	Solid	8021B	17108
880-10289-71	FL71	Total/NA	Solid	8021B	17108
880-10289-72	FL72	Total/NA	Solid	8021B	17108
880-10289-73	FL73	Total/NA	Solid	8021B	17108
880-10289-74	FL74	Total/NA	Solid	8021B	17108
880-10289-75	FL75	Total/NA	Solid	8021B	17108
880-10289-76	FL76	Total/NA	Solid	8021B	17108
880-10289-77	FL77	Total/NA	Solid	8021B	17108
880-10289-78	FL78	Total/NA	Solid	8021B	17108
880-10289-79	FL79	Total/NA	Solid	8021B	17108
880-10289-80	FL80	Total/NA	Solid	8021B	17108
MB 880-17108/5-A	Method Blank	Total/NA	Solid	8021B	17108
LCS 880-17108/1-A	Lab Control Sample	Total/NA	Solid	8021B	17108
LCSD 880-17108/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17108
880-10289-61 MS	FL61	Total/NA	Solid	8021B	17108

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC VOA (Continued)

Analysis Batch: 17207 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-61 MSD	FL61	Total/NA	Solid	8021B	17108

Analysis Batch: 17208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-81	FL81	Total/NA	Solid	8021B	17109
880-10289-82	FL82	Total/NA	Solid	8021B	17109
880-10289-83	FL83	Total/NA	Solid	8021B	17109
880-10289-84	FL84	Total/NA	Solid	8021B	17109
880-10289-85	FL85	Total/NA	Solid	8021B	17109
880-10289-86	FL86	Total/NA	Solid	8021B	17109
880-10289-87	FL87	Total/NA	Solid	8021B	17109
880-10289-88	FL88	Total/NA	Solid	8021B	17109
880-10289-89	FL89	Total/NA	Solid	8021B	17109
880-10289-90	FL90	Total/NA	Solid	8021B	17109
880-10289-91	FL91	Total/NA	Solid	8021B	17109
880-10289-92	FL92	Total/NA	Solid	8021B	17109
880-10289-93	FL93	Total/NA	Solid	8021B	17109
880-10289-94	FL94	Total/NA	Solid	8021B	17109
880-10289-95	FL95	Total/NA	Solid	8021B	17109
880-10289-96	FL96	Total/NA	Solid	8021B	17109
880-10289-97	FL97	Total/NA	Solid	8021B	17109
880-10289-98	FL98	Total/NA	Solid	8021B	17109
880-10289-99	FL99	Total/NA	Solid	8021B	17109
880-10289-100	FL100	Total/NA	Solid	8021B	17109
MB 880-17109/5-A	Method Blank	Total/NA	Solid	8021B	17109
LCS 880-17109/1-A	Lab Control Sample	Total/NA	Solid	8021B	17109
LCSD 880-17109/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17109
880-10289-81 MS	FL81	Total/NA	Solid	8021B	17109
880-10289-81 MSD	FL81	Total/NA	Solid	8021B	17109

Prep Batch: 17218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-115	FL115	Total/NA	Solid	5035	
880-10289-116	FL116	Total/NA	Solid	5035	
880-10289-117	FL117	Total/NA	Solid	5035	
MB 880-17218/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17218/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17218/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10289-115 MS	FL115	Total/NA	Solid	5035	
880-10289-115 MSD	FL115	Total/NA	Solid	5035	

Analysis Batch: 17222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-1	FL1	Total/NA	Solid	Total BTEX	
880-10289-2	FL2	Total/NA	Solid	Total BTEX	
880-10289-3	FL3	Total/NA	Solid	Total BTEX	
880-10289-4	FL4	Total/NA	Solid	Total BTEX	
880-10289-5	FL5	Total/NA	Solid	Total BTEX	
880-10289-6	FL6	Total/NA	Solid	Total BTEX	
880-10289-7	FL7	Total/NA	Solid	Total BTEX	
880-10289-8	FL8	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC VOA (Continued)

Analysis Batch: 17222 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-9	FL9	Total/NA	Solid	Total BTEX	
880-10289-10	FL10	Total/NA	Solid	Total BTEX	
880-10289-11	FL11	Total/NA	Solid	Total BTEX	
880-10289-12	FL12	Total/NA	Solid	Total BTEX	
880-10289-13	FL13	Total/NA	Solid	Total BTEX	
880-10289-14	FL14	Total/NA	Solid	Total BTEX	
880-10289-15	FL15	Total/NA	Solid	Total BTEX	
880-10289-16	FL16	Total/NA	Solid	Total BTEX	
880-10289-17	FL17	Total/NA	Solid	Total BTEX	
880-10289-18	FL18	Total/NA	Solid	Total BTEX	
880-10289-19	FL19	Total/NA	Solid	Total BTEX	
880-10289-20	FL20	Total/NA	Solid	Total BTEX	

Analysis Batch: 17325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-115	FL115	Total/NA	Solid	8021B	17218
880-10289-116	FL116	Total/NA	Solid	8021B	17218
880-10289-117	FL117	Total/NA	Solid	8021B	17218
MB 880-17131/5-A	Method Blank	Total/NA	Solid	8021B	17131
MB 880-17218/5-A	Method Blank	Total/NA	Solid	8021B	17218
LCS 880-17218/1-A	Lab Control Sample	Total/NA	Solid	8021B	17218
LCSD 880-17218/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17218
880-10289-115 MS	FL115	Total/NA	Solid	8021B	17218
880-10289-115 MSD	FL115	Total/NA	Solid	8021B	17218

Analysis Batch: 17647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-21	FL21	Total/NA	Solid	Total BTEX	
880-10289-22	FL22	Total/NA	Solid	Total BTEX	
880-10289-23	FL23	Total/NA	Solid	Total BTEX	
880-10289-24	FL24	Total/NA	Solid	Total BTEX	
880-10289-25	FL25	Total/NA	Solid	Total BTEX	
880-10289-26	FL26	Total/NA	Solid	Total BTEX	
880-10289-27	FL27	Total/NA	Solid	Total BTEX	
880-10289-28	FL128	Total/NA	Solid	Total BTEX	
880-10289-29	FL29	Total/NA	Solid	Total BTEX	
880-10289-30	FL30	Total/NA	Solid	Total BTEX	
880-10289-31	FL31	Total/NA	Solid	Total BTEX	
880-10289-32	FL32	Total/NA	Solid	Total BTEX	
880-10289-33	FL33	Total/NA	Solid	Total BTEX	
880-10289-34	FL34	Total/NA	Solid	Total BTEX	
880-10289-35	FL35	Total/NA	Solid	Total BTEX	
880-10289-36	FL36	Total/NA	Solid	Total BTEX	
880-10289-37	FL37	Total/NA	Solid	Total BTEX	
880-10289-38	FL38	Total/NA	Solid	Total BTEX	
880-10289-39	FL39	Total/NA	Solid	Total BTEX	
880-10289-40	FL40	Total/NA	Solid	Total BTEX	
880-10289-41	FL41	Total/NA	Solid	Total BTEX	
880-10289-42	FL42	Total/NA	Solid	Total BTEX	
880-10289-43	FL43	Total/NA	Solid	Total BTEX	
880-10289-44	FL44	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC VOA (Continued)

Analysis Batch: 17647 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-45	FL45	Total/NA	Solid	Total BTEX	
880-10289-46	FL46	Total/NA	Solid	Total BTEX	
880-10289-47	FL47	Total/NA	Solid	Total BTEX	
880-10289-48	FL48	Total/NA	Solid	Total BTEX	
880-10289-49	FL49	Total/NA	Solid	Total BTEX	
880-10289-50	FL50	Total/NA	Solid	Total BTEX	
880-10289-51	FL51	Total/NA	Solid	Total BTEX	
880-10289-52	FL52	Total/NA	Solid	Total BTEX	
880-10289-53	FL53	Total/NA	Solid	Total BTEX	
880-10289-54	FL54	Total/NA	Solid	Total BTEX	
880-10289-55	FL55	Total/NA	Solid	Total BTEX	
880-10289-56	FL56	Total/NA	Solid	Total BTEX	
880-10289-57	FL57	Total/NA	Solid	Total BTEX	
880-10289-58	FL58	Total/NA	Solid	Total BTEX	
880-10289-59	FL59	Total/NA	Solid	Total BTEX	
880-10289-60	FL60	Total/NA	Solid	Total BTEX	
880-10289-61	FL61	Total/NA	Solid	Total BTEX	
880-10289-62	FL62	Total/NA	Solid	Total BTEX	
880-10289-63	FL63	Total/NA	Solid	Total BTEX	
880-10289-64	FL64	Total/NA	Solid	Total BTEX	
880-10289-65	FL65	Total/NA	Solid	Total BTEX	
880-10289-66	FL66	Total/NA	Solid	Total BTEX	
880-10289-67	FL67	Total/NA	Solid	Total BTEX	
880-10289-68	FL68	Total/NA	Solid	Total BTEX	
880-10289-69	FL69	Total/NA	Solid	Total BTEX	
880-10289-70	FL70	Total/NA	Solid	Total BTEX	
880-10289-71	FL71	Total/NA	Solid	Total BTEX	
880-10289-72	FL72	Total/NA	Solid	Total BTEX	
880-10289-73	FL73	Total/NA	Solid	Total BTEX	
880-10289-74	FL74	Total/NA	Solid	Total BTEX	
880-10289-75	FL75	Total/NA	Solid	Total BTEX	
880-10289-76	FL76	Total/NA	Solid	Total BTEX	
880-10289-77	FL77	Total/NA	Solid	Total BTEX	
880-10289-78	FL78	Total/NA	Solid	Total BTEX	
880-10289-79	FL79	Total/NA	Solid	Total BTEX	
880-10289-80	FL80	Total/NA	Solid	Total BTEX	
880-10289-81	FL81	Total/NA	Solid	Total BTEX	
880-10289-82	FL82	Total/NA	Solid	Total BTEX	
880-10289-83	FL83	Total/NA	Solid	Total BTEX	
880-10289-84	FL84	Total/NA	Solid	Total BTEX	
880-10289-85	FL85	Total/NA	Solid	Total BTEX	
880-10289-86	FL86	Total/NA	Solid	Total BTEX	
880-10289-87	FL87	Total/NA	Solid	Total BTEX	
880-10289-88	FL88	Total/NA	Solid	Total BTEX	
880-10289-89	FL89	Total/NA	Solid	Total BTEX	
880-10289-90	FL90	Total/NA	Solid	Total BTEX	
880-10289-91	FL91	Total/NA	Solid	Total BTEX	
880-10289-92	FL92	Total/NA	Solid	Total BTEX	
880-10289-93	FL93	Total/NA	Solid	Total BTEX	
880-10289-94	FL94	Total/NA	Solid	Total BTEX	
880-10289-95	FL95	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC VOA (Continued)

Analysis Batch: 17647 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-96	FL96	Total/NA	Solid	Total BTEX	
880-10289-97	FL97	Total/NA	Solid	Total BTEX	
880-10289-98	FL98	Total/NA	Solid	Total BTEX	
880-10289-99	FL99	Total/NA	Solid	Total BTEX	
880-10289-100	FL100	Total/NA	Solid	Total BTEX	
880-10289-101	FL101	Total/NA	Solid	Total BTEX	
880-10289-102	FL102	Total/NA	Solid	Total BTEX	
880-10289-103	FL103	Total/NA	Solid	Total BTEX	
880-10289-104	FL104	Total/NA	Solid	Total BTEX	
880-10289-105	FL105	Total/NA	Solid	Total BTEX	
880-10289-106	FL106	Total/NA	Solid	Total BTEX	
880-10289-107	FL107	Total/NA	Solid	Total BTEX	
880-10289-108	FL108	Total/NA	Solid	Total BTEX	
880-10289-109	FL109	Total/NA	Solid	Total BTEX	
880-10289-110	FL110	Total/NA	Solid	Total BTEX	
880-10289-111	FL111	Total/NA	Solid	Total BTEX	
880-10289-112	FL112	Total/NA	Solid	Total BTEX	
880-10289-113	FL113	Total/NA	Solid	Total BTEX	
880-10289-114	FL114	Total/NA	Solid	Total BTEX	
880-10289-115	FL115	Total/NA	Solid	Total BTEX	
880-10289-116	FL116	Total/NA	Solid	Total BTEX	
880-10289-117	FL117	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 17166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-1	FL1	Total/NA	Solid	8015NM Prep	
880-10289-2	FL2	Total/NA	Solid	8015NM Prep	
880-10289-3	FL3	Total/NA	Solid	8015NM Prep	
880-10289-4	FL4	Total/NA	Solid	8015NM Prep	
880-10289-5	FL5	Total/NA	Solid	8015NM Prep	
880-10289-6	FL6	Total/NA	Solid	8015NM Prep	
880-10289-7	FL7	Total/NA	Solid	8015NM Prep	
880-10289-8	FL8	Total/NA	Solid	8015NM Prep	
880-10289-9	FL9	Total/NA	Solid	8015NM Prep	
880-10289-10	FL10	Total/NA	Solid	8015NM Prep	
880-10289-11	FL11	Total/NA	Solid	8015NM Prep	
880-10289-12	FL12	Total/NA	Solid	8015NM Prep	
880-10289-13	FL13	Total/NA	Solid	8015NM Prep	
880-10289-14	FL14	Total/NA	Solid	8015NM Prep	
880-10289-15	FL15	Total/NA	Solid	8015NM Prep	
880-10289-16	FL16	Total/NA	Solid	8015NM Prep	
880-10289-17	FL17	Total/NA	Solid	8015NM Prep	
880-10289-18	FL18	Total/NA	Solid	8015NM Prep	
880-10289-19	FL19	Total/NA	Solid	8015NM Prep	
880-10289-20	FL20	Total/NA	Solid	8015NM Prep	
MB 880-17166/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17166/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17166/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10289-1 MS	FL1	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC Semi VOA (Continued)

Prep Batch: 17166 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-1 MSD	FL1	Total/NA	Solid	8015NM Prep	

Prep Batch: 17190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-21	FL21	Total/NA	Solid	8015NM Prep	
880-10289-22	FL22	Total/NA	Solid	8015NM Prep	
880-10289-23	FL23	Total/NA	Solid	8015NM Prep	
880-10289-24	FL24	Total/NA	Solid	8015NM Prep	
880-10289-25	FL25	Total/NA	Solid	8015NM Prep	
880-10289-26	FL26	Total/NA	Solid	8015NM Prep	
880-10289-27	FL27	Total/NA	Solid	8015NM Prep	
880-10289-28	FL128	Total/NA	Solid	8015NM Prep	
880-10289-29	FL29	Total/NA	Solid	8015NM Prep	
880-10289-30	FL30	Total/NA	Solid	8015NM Prep	
880-10289-31	FL31	Total/NA	Solid	8015NM Prep	
880-10289-32	FL32	Total/NA	Solid	8015NM Prep	
880-10289-33	FL33	Total/NA	Solid	8015NM Prep	
880-10289-34	FL34	Total/NA	Solid	8015NM Prep	
880-10289-35	FL35	Total/NA	Solid	8015NM Prep	
880-10289-36	FL36	Total/NA	Solid	8015NM Prep	
880-10289-37	FL37	Total/NA	Solid	8015NM Prep	
880-10289-38	FL38	Total/NA	Solid	8015NM Prep	
880-10289-39	FL39	Total/NA	Solid	8015NM Prep	
880-10289-40	FL40	Total/NA	Solid	8015NM Prep	
MB 880-17190/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17190/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17190/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10289-21 MS	FL21	Total/NA	Solid	8015NM Prep	
880-10289-21 MSD	FL21	Total/NA	Solid	8015NM Prep	

Prep Batch: 17191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-41	FL41	Total/NA	Solid	8015NM Prep	
880-10289-42	FL42	Total/NA	Solid	8015NM Prep	
880-10289-43	FL43	Total/NA	Solid	8015NM Prep	
880-10289-44	FL44	Total/NA	Solid	8015NM Prep	
880-10289-45	FL45	Total/NA	Solid	8015NM Prep	
880-10289-46	FL46	Total/NA	Solid	8015NM Prep	
880-10289-47	FL47	Total/NA	Solid	8015NM Prep	
880-10289-48	FL48	Total/NA	Solid	8015NM Prep	
880-10289-49	FL49	Total/NA	Solid	8015NM Prep	
880-10289-50	FL50	Total/NA	Solid	8015NM Prep	
880-10289-51	FL51	Total/NA	Solid	8015NM Prep	
880-10289-52	FL52	Total/NA	Solid	8015NM Prep	
880-10289-53	FL53	Total/NA	Solid	8015NM Prep	
880-10289-54	FL54	Total/NA	Solid	8015NM Prep	
880-10289-55	FL55	Total/NA	Solid	8015NM Prep	
880-10289-56	FL56	Total/NA	Solid	8015NM Prep	
880-10289-57	FL57	Total/NA	Solid	8015NM Prep	
880-10289-58	FL58	Total/NA	Solid	8015NM Prep	
880-10289-59	FL59	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC Semi VOA (Continued)

Prep Batch: 17191 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-60	FL60	Total/NA	Solid	8015NM Prep	
MB 880-17191/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17191/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17191/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10289-41 MS	FL41	Total/NA	Solid	8015NM Prep	
880-10289-41 MSD	FL41	Total/NA	Solid	8015NM Prep	

Prep Batch: 17192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-61	FL61	Total/NA	Solid	8015NM Prep	
880-10289-62	FL62	Total/NA	Solid	8015NM Prep	
880-10289-63	FL63	Total/NA	Solid	8015NM Prep	
880-10289-64	FL64	Total/NA	Solid	8015NM Prep	
880-10289-65	FL65	Total/NA	Solid	8015NM Prep	
880-10289-66	FL66	Total/NA	Solid	8015NM Prep	
880-10289-67	FL67	Total/NA	Solid	8015NM Prep	
880-10289-68	FL68	Total/NA	Solid	8015NM Prep	
880-10289-69	FL69	Total/NA	Solid	8015NM Prep	
880-10289-70	FL70	Total/NA	Solid	8015NM Prep	
880-10289-71	FL71	Total/NA	Solid	8015NM Prep	
880-10289-72	FL72	Total/NA	Solid	8015NM Prep	
880-10289-73	FL73	Total/NA	Solid	8015NM Prep	
880-10289-74	FL74	Total/NA	Solid	8015NM Prep	
880-10289-75	FL75	Total/NA	Solid	8015NM Prep	
880-10289-76	FL76	Total/NA	Solid	8015NM Prep	
880-10289-77	FL77	Total/NA	Solid	8015NM Prep	
880-10289-78	FL78	Total/NA	Solid	8015NM Prep	
880-10289-79	FL79	Total/NA	Solid	8015NM Prep	
880-10289-80	FL80	Total/NA	Solid	8015NM Prep	
MB 880-17192/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17192/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17192/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10289-61 MS	FL61	Total/NA	Solid	8015NM Prep	
880-10289-61 MSD	FL61	Total/NA	Solid	8015NM Prep	

Analysis Batch: 17209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-41	FL41	Total/NA	Solid	8015B NM	17191
880-10289-42	FL42	Total/NA	Solid	8015B NM	17191
880-10289-43	FL43	Total/NA	Solid	8015B NM	17191
880-10289-44	FL44	Total/NA	Solid	8015B NM	17191
880-10289-45	FL45	Total/NA	Solid	8015B NM	17191
880-10289-46	FL46	Total/NA	Solid	8015B NM	17191
880-10289-47	FL47	Total/NA	Solid	8015B NM	17191
880-10289-48	FL48	Total/NA	Solid	8015B NM	17191
880-10289-49	FL49	Total/NA	Solid	8015B NM	17191
880-10289-50	FL50	Total/NA	Solid	8015B NM	17191
880-10289-51	FL51	Total/NA	Solid	8015B NM	17191
880-10289-52	FL52	Total/NA	Solid	8015B NM	17191
880-10289-53	FL53	Total/NA	Solid	8015B NM	17191
880-10289-54	FL54	Total/NA	Solid	8015B NM	17191

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC Semi VOA (Continued)

Analysis Batch: 17209 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-55	FL55	Total/NA	Solid	8015B NM	17191
880-10289-56	FL56	Total/NA	Solid	8015B NM	17191
880-10289-57	FL57	Total/NA	Solid	8015B NM	17191
880-10289-58	FL58	Total/NA	Solid	8015B NM	17191
880-10289-59	FL59	Total/NA	Solid	8015B NM	17191
880-10289-60	FL60	Total/NA	Solid	8015B NM	17191
MB 880-17191/1-A	Method Blank	Total/NA	Solid	8015B NM	17191
LCS 880-17191/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17191
LCSD 880-17191/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17191
880-10289-41 MS	FL41	Total/NA	Solid	8015B NM	17191
880-10289-41 MSD	FL41	Total/NA	Solid	8015B NM	17191

Analysis Batch: 17211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-61	FL61	Total/NA	Solid	8015B NM	17192
880-10289-62	FL62	Total/NA	Solid	8015B NM	17192
880-10289-63	FL63	Total/NA	Solid	8015B NM	17192
880-10289-64	FL64	Total/NA	Solid	8015B NM	17192
880-10289-65	FL65	Total/NA	Solid	8015B NM	17192
880-10289-66	FL66	Total/NA	Solid	8015B NM	17192
880-10289-67	FL67	Total/NA	Solid	8015B NM	17192
880-10289-68	FL68	Total/NA	Solid	8015B NM	17192
880-10289-69	FL69	Total/NA	Solid	8015B NM	17192
880-10289-70	FL70	Total/NA	Solid	8015B NM	17192
880-10289-71	FL71	Total/NA	Solid	8015B NM	17192
880-10289-72	FL72	Total/NA	Solid	8015B NM	17192
880-10289-73	FL73	Total/NA	Solid	8015B NM	17192
880-10289-74	FL74	Total/NA	Solid	8015B NM	17192
880-10289-75	FL75	Total/NA	Solid	8015B NM	17192
880-10289-76	FL76	Total/NA	Solid	8015B NM	17192
880-10289-77	FL77	Total/NA	Solid	8015B NM	17192
880-10289-78	FL78	Total/NA	Solid	8015B NM	17192
880-10289-79	FL79	Total/NA	Solid	8015B NM	17192
880-10289-80	FL80	Total/NA	Solid	8015B NM	17192
MB 880-17192/1-A	Method Blank	Total/NA	Solid	8015B NM	17192
LCS 880-17192/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17192
LCSD 880-17192/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17192
880-10289-61 MS	FL61	Total/NA	Solid	8015B NM	17192
880-10289-61 MSD	FL61	Total/NA	Solid	8015B NM	17192

Analysis Batch: 17214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-21	FL21	Total/NA	Solid	8015B NM	17190
880-10289-22	FL22	Total/NA	Solid	8015B NM	17190
880-10289-23	FL23	Total/NA	Solid	8015B NM	17190
880-10289-24	FL24	Total/NA	Solid	8015B NM	17190
880-10289-25	FL25	Total/NA	Solid	8015B NM	17190
880-10289-26	FL26	Total/NA	Solid	8015B NM	17190
880-10289-27	FL27	Total/NA	Solid	8015B NM	17190
880-10289-28	FL128	Total/NA	Solid	8015B NM	17190
880-10289-29	FL29	Total/NA	Solid	8015B NM	17190

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC Semi VOA (Continued)

Analysis Batch: 17214 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-30	FL30	Total/NA	Solid	8015B NM	17190
880-10289-31	FL31	Total/NA	Solid	8015B NM	17190
880-10289-32	FL32	Total/NA	Solid	8015B NM	17190
880-10289-33	FL33	Total/NA	Solid	8015B NM	17190
880-10289-34	FL34	Total/NA	Solid	8015B NM	17190
880-10289-35	FL35	Total/NA	Solid	8015B NM	17190
880-10289-36	FL36	Total/NA	Solid	8015B NM	17190
880-10289-37	FL37	Total/NA	Solid	8015B NM	17190
880-10289-38	FL38	Total/NA	Solid	8015B NM	17190
880-10289-39	FL39	Total/NA	Solid	8015B NM	17190
880-10289-40	FL40	Total/NA	Solid	8015B NM	17190
MB 880-17190/1-A	Method Blank	Total/NA	Solid	8015B NM	17190
LCS 880-17190/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17190
LCSD 880-17190/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17190
880-10289-21 MS	FL21	Total/NA	Solid	8015B NM	17190
880-10289-21 MSD	FL21	Total/NA	Solid	8015B NM	17190

Prep Batch: 17215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-81	FL81	Total/NA	Solid	8015NM Prep	
880-10289-82	FL82	Total/NA	Solid	8015NM Prep	
880-10289-83	FL83	Total/NA	Solid	8015NM Prep	
880-10289-84	FL84	Total/NA	Solid	8015NM Prep	
880-10289-85	FL85	Total/NA	Solid	8015NM Prep	
880-10289-86	FL86	Total/NA	Solid	8015NM Prep	
880-10289-87	FL87	Total/NA	Solid	8015NM Prep	
880-10289-88	FL88	Total/NA	Solid	8015NM Prep	
880-10289-89	FL89	Total/NA	Solid	8015NM Prep	
880-10289-90	FL90	Total/NA	Solid	8015NM Prep	
880-10289-91	FL91	Total/NA	Solid	8015NM Prep	
880-10289-92	FL92	Total/NA	Solid	8015NM Prep	
880-10289-93	FL93	Total/NA	Solid	8015NM Prep	
880-10289-94	FL94	Total/NA	Solid	8015NM Prep	
880-10289-95	FL95	Total/NA	Solid	8015NM Prep	
880-10289-96	FL96	Total/NA	Solid	8015NM Prep	
880-10289-97	FL97	Total/NA	Solid	8015NM Prep	
880-10289-98	FL98	Total/NA	Solid	8015NM Prep	
880-10289-99	FL99	Total/NA	Solid	8015NM Prep	
880-10289-100	FL100	Total/NA	Solid	8015NM Prep	
MB 880-17215/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17215/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17215/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10289-81 MS	FL81	Total/NA	Solid	8015NM Prep	
880-10289-81 MSD	FL81	Total/NA	Solid	8015NM Prep	

Prep Batch: 17216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-101	FL101	Total/NA	Solid	8015NM Prep	
880-10289-102	FL102	Total/NA	Solid	8015NM Prep	
880-10289-103	FL103	Total/NA	Solid	8015NM Prep	
880-10289-104	FL104	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC Semi VOA (Continued)

Prep Batch: 17216 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-105	FL105	Total/NA	Solid	8015NM Prep	
880-10289-106	FL106	Total/NA	Solid	8015NM Prep	
880-10289-107	FL107	Total/NA	Solid	8015NM Prep	
880-10289-108	FL108	Total/NA	Solid	8015NM Prep	
880-10289-109	FL109	Total/NA	Solid	8015NM Prep	
880-10289-110	FL110	Total/NA	Solid	8015NM Prep	
880-10289-111	FL111	Total/NA	Solid	8015NM Prep	
880-10289-112	FL112	Total/NA	Solid	8015NM Prep	
880-10289-113	FL113	Total/NA	Solid	8015NM Prep	
880-10289-114	FL114	Total/NA	Solid	8015NM Prep	
880-10289-115	FL115	Total/NA	Solid	8015NM Prep	
880-10289-116	FL116	Total/NA	Solid	8015NM Prep	
880-10289-117	FL117	Total/NA	Solid	8015NM Prep	
MB 880-17216/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17216/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17216/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10289-101 MS	FL101	Total/NA	Solid	8015NM Prep	
880-10289-101 MSD	FL101	Total/NA	Solid	8015NM Prep	

Analysis Batch: 17326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-81	FL81	Total/NA	Solid	8015B NM	17215
880-10289-82	FL82	Total/NA	Solid	8015B NM	17215
880-10289-83	FL83	Total/NA	Solid	8015B NM	17215
880-10289-84	FL84	Total/NA	Solid	8015B NM	17215
880-10289-85	FL85	Total/NA	Solid	8015B NM	17215
880-10289-86	FL86	Total/NA	Solid	8015B NM	17215
880-10289-87	FL87	Total/NA	Solid	8015B NM	17215
880-10289-88	FL88	Total/NA	Solid	8015B NM	17215
880-10289-89	FL89	Total/NA	Solid	8015B NM	17215
880-10289-90	FL90	Total/NA	Solid	8015B NM	17215
880-10289-91	FL91	Total/NA	Solid	8015B NM	17215
880-10289-92	FL92	Total/NA	Solid	8015B NM	17215
880-10289-93	FL93	Total/NA	Solid	8015B NM	17215
880-10289-94	FL94	Total/NA	Solid	8015B NM	17215
880-10289-95	FL95	Total/NA	Solid	8015B NM	17215
880-10289-96	FL96	Total/NA	Solid	8015B NM	17215
880-10289-97	FL97	Total/NA	Solid	8015B NM	17215
880-10289-98	FL98	Total/NA	Solid	8015B NM	17215
880-10289-99	FL99	Total/NA	Solid	8015B NM	17215
880-10289-100	FL100	Total/NA	Solid	8015B NM	17215
MB 880-17215/1-A	Method Blank	Total/NA	Solid	8015B NM	17215
LCS 880-17215/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17215
LCSD 880-17215/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17215
880-10289-81 MS	FL81	Total/NA	Solid	8015B NM	17215
880-10289-81 MSD	FL81	Total/NA	Solid	8015B NM	17215

Analysis Batch: 17328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-101	FL101	Total/NA	Solid	8015B NM	17216
880-10289-102	FL102	Total/NA	Solid	8015B NM	17216

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC Semi VOA (Continued)

Analysis Batch: 17328 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-103	FL103	Total/NA	Solid	8015B NM	17216
880-10289-104	FL104	Total/NA	Solid	8015B NM	17216
880-10289-105	FL105	Total/NA	Solid	8015B NM	17216
880-10289-106	FL106	Total/NA	Solid	8015B NM	17216
880-10289-107	FL107	Total/NA	Solid	8015B NM	17216
880-10289-108	FL108	Total/NA	Solid	8015B NM	17216
880-10289-109	FL109	Total/NA	Solid	8015B NM	17216
880-10289-110	FL110	Total/NA	Solid	8015B NM	17216
880-10289-111	FL111	Total/NA	Solid	8015B NM	17216
880-10289-112	FL112	Total/NA	Solid	8015B NM	17216
880-10289-113	FL113	Total/NA	Solid	8015B NM	17216
880-10289-114	FL114	Total/NA	Solid	8015B NM	17216
880-10289-115	FL115	Total/NA	Solid	8015B NM	17216
880-10289-116	FL116	Total/NA	Solid	8015B NM	17216
880-10289-117	FL117	Total/NA	Solid	8015B NM	17216
MB 880-17216/1-A	Method Blank	Total/NA	Solid	8015B NM	17216
LCS 880-17216/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17216
LCSD 880-17216/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17216
880-10289-101 MS	FL101	Total/NA	Solid	8015B NM	17216
880-10289-101 MSD	FL101	Total/NA	Solid	8015B NM	17216

Analysis Batch: 17331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-1	FL1	Total/NA	Solid	8015B NM	17166
880-10289-2	FL2	Total/NA	Solid	8015B NM	17166
880-10289-3	FL3	Total/NA	Solid	8015B NM	17166
880-10289-4	FL4	Total/NA	Solid	8015B NM	17166
880-10289-5	FL5	Total/NA	Solid	8015B NM	17166
880-10289-6	FL6	Total/NA	Solid	8015B NM	17166
880-10289-7	FL7	Total/NA	Solid	8015B NM	17166
880-10289-8	FL8	Total/NA	Solid	8015B NM	17166
880-10289-9	FL9	Total/NA	Solid	8015B NM	17166
880-10289-10	FL10	Total/NA	Solid	8015B NM	17166
880-10289-11	FL11	Total/NA	Solid	8015B NM	17166
880-10289-12	FL12	Total/NA	Solid	8015B NM	17166
880-10289-13	FL13	Total/NA	Solid	8015B NM	17166
880-10289-14	FL14	Total/NA	Solid	8015B NM	17166
880-10289-15	FL15	Total/NA	Solid	8015B NM	17166
880-10289-16	FL16	Total/NA	Solid	8015B NM	17166
880-10289-17	FL17	Total/NA	Solid	8015B NM	17166
880-10289-18	FL18	Total/NA	Solid	8015B NM	17166
880-10289-19	FL19	Total/NA	Solid	8015B NM	17166
880-10289-20	FL20	Total/NA	Solid	8015B NM	17166
MB 880-17166/1-A	Method Blank	Total/NA	Solid	8015B NM	17166
LCS 880-17166/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17166
LCSD 880-17166/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17166
880-10289-1 MS	FL1	Total/NA	Solid	8015B NM	17166
880-10289-1 MSD	FL1	Total/NA	Solid	8015B NM	17166

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC Semi VOA

Analysis Batch: 17356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-41	FL41	Total/NA	Solid	8015 NM	
880-10289-42	FL42	Total/NA	Solid	8015 NM	
880-10289-43	FL43	Total/NA	Solid	8015 NM	
880-10289-44	FL44	Total/NA	Solid	8015 NM	
880-10289-45	FL45	Total/NA	Solid	8015 NM	
880-10289-46	FL46	Total/NA	Solid	8015 NM	
880-10289-47	FL47	Total/NA	Solid	8015 NM	
880-10289-48	FL48	Total/NA	Solid	8015 NM	
880-10289-49	FL49	Total/NA	Solid	8015 NM	
880-10289-50	FL50	Total/NA	Solid	8015 NM	
880-10289-51	FL51	Total/NA	Solid	8015 NM	
880-10289-52	FL52	Total/NA	Solid	8015 NM	
880-10289-53	FL53	Total/NA	Solid	8015 NM	
880-10289-54	FL54	Total/NA	Solid	8015 NM	
880-10289-55	FL55	Total/NA	Solid	8015 NM	
880-10289-56	FL56	Total/NA	Solid	8015 NM	
880-10289-57	FL57	Total/NA	Solid	8015 NM	
880-10289-58	FL58	Total/NA	Solid	8015 NM	
880-10289-59	FL59	Total/NA	Solid	8015 NM	
880-10289-60	FL60	Total/NA	Solid	8015 NM	
880-10289-61	FL61	Total/NA	Solid	8015 NM	
880-10289-62	FL62	Total/NA	Solid	8015 NM	
880-10289-63	FL63	Total/NA	Solid	8015 NM	
880-10289-64	FL64	Total/NA	Solid	8015 NM	
880-10289-65	FL65	Total/NA	Solid	8015 NM	
880-10289-66	FL66	Total/NA	Solid	8015 NM	
880-10289-67	FL67	Total/NA	Solid	8015 NM	
880-10289-68	FL68	Total/NA	Solid	8015 NM	
880-10289-69	FL69	Total/NA	Solid	8015 NM	
880-10289-70	FL70	Total/NA	Solid	8015 NM	
880-10289-71	FL71	Total/NA	Solid	8015 NM	
880-10289-72	FL72	Total/NA	Solid	8015 NM	
880-10289-73	FL73	Total/NA	Solid	8015 NM	
880-10289-74	FL74	Total/NA	Solid	8015 NM	
880-10289-75	FL75	Total/NA	Solid	8015 NM	
880-10289-76	FL76	Total/NA	Solid	8015 NM	
880-10289-77	FL77	Total/NA	Solid	8015 NM	
880-10289-78	FL78	Total/NA	Solid	8015 NM	
880-10289-79	FL79	Total/NA	Solid	8015 NM	
880-10289-80	FL80	Total/NA	Solid	8015 NM	

Analysis Batch: 17641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-1	FL1	Total/NA	Solid	8015 NM	
880-10289-2	FL2	Total/NA	Solid	8015 NM	
880-10289-3	FL3	Total/NA	Solid	8015 NM	
880-10289-4	FL4	Total/NA	Solid	8015 NM	
880-10289-5	FL5	Total/NA	Solid	8015 NM	
880-10289-6	FL6	Total/NA	Solid	8015 NM	
880-10289-7	FL7	Total/NA	Solid	8015 NM	
880-10289-8	FL8	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC Semi VOA (Continued)

Analysis Batch: 17641 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-9	FL9	Total/NA	Solid	8015 NM	
880-10289-10	FL10	Total/NA	Solid	8015 NM	
880-10289-11	FL11	Total/NA	Solid	8015 NM	
880-10289-12	FL12	Total/NA	Solid	8015 NM	
880-10289-13	FL13	Total/NA	Solid	8015 NM	
880-10289-14	FL14	Total/NA	Solid	8015 NM	
880-10289-15	FL15	Total/NA	Solid	8015 NM	
880-10289-16	FL16	Total/NA	Solid	8015 NM	
880-10289-17	FL17	Total/NA	Solid	8015 NM	
880-10289-18	FL18	Total/NA	Solid	8015 NM	
880-10289-19	FL19	Total/NA	Solid	8015 NM	
880-10289-20	FL20	Total/NA	Solid	8015 NM	
880-10289-21	FL21	Total/NA	Solid	8015 NM	
880-10289-22	FL22	Total/NA	Solid	8015 NM	
880-10289-23	FL23	Total/NA	Solid	8015 NM	
880-10289-24	FL24	Total/NA	Solid	8015 NM	
880-10289-25	FL25	Total/NA	Solid	8015 NM	
880-10289-26	FL26	Total/NA	Solid	8015 NM	
880-10289-27	FL27	Total/NA	Solid	8015 NM	
880-10289-28	FL128	Total/NA	Solid	8015 NM	
880-10289-29	FL29	Total/NA	Solid	8015 NM	
880-10289-30	FL30	Total/NA	Solid	8015 NM	
880-10289-31	FL31	Total/NA	Solid	8015 NM	
880-10289-32	FL32	Total/NA	Solid	8015 NM	
880-10289-33	FL33	Total/NA	Solid	8015 NM	
880-10289-34	FL34	Total/NA	Solid	8015 NM	
880-10289-35	FL35	Total/NA	Solid	8015 NM	
880-10289-36	FL36	Total/NA	Solid	8015 NM	
880-10289-37	FL37	Total/NA	Solid	8015 NM	
880-10289-38	FL38	Total/NA	Solid	8015 NM	
880-10289-39	FL39	Total/NA	Solid	8015 NM	
880-10289-40	FL40	Total/NA	Solid	8015 NM	
880-10289-81	FL81	Total/NA	Solid	8015 NM	
880-10289-82	FL82	Total/NA	Solid	8015 NM	
880-10289-83	FL83	Total/NA	Solid	8015 NM	
880-10289-84	FL84	Total/NA	Solid	8015 NM	
880-10289-85	FL85	Total/NA	Solid	8015 NM	
880-10289-86	FL86	Total/NA	Solid	8015 NM	
880-10289-87	FL87	Total/NA	Solid	8015 NM	
880-10289-88	FL88	Total/NA	Solid	8015 NM	
880-10289-89	FL89	Total/NA	Solid	8015 NM	
880-10289-90	FL90	Total/NA	Solid	8015 NM	
880-10289-91	FL91	Total/NA	Solid	8015 NM	
880-10289-92	FL92	Total/NA	Solid	8015 NM	
880-10289-93	FL93	Total/NA	Solid	8015 NM	
880-10289-94	FL94	Total/NA	Solid	8015 NM	
880-10289-95	FL95	Total/NA	Solid	8015 NM	
880-10289-96	FL96	Total/NA	Solid	8015 NM	
880-10289-97	FL97	Total/NA	Solid	8015 NM	
880-10289-98	FL98	Total/NA	Solid	8015 NM	
880-10289-99	FL99	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

GC Semi VOA (Continued)

Analysis Batch: 17641 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-100	FL100	Total/NA	Solid	8015 NM	
880-10289-101	FL101	Total/NA	Solid	8015 NM	
880-10289-102	FL102	Total/NA	Solid	8015 NM	
880-10289-103	FL103	Total/NA	Solid	8015 NM	
880-10289-104	FL104	Total/NA	Solid	8015 NM	
880-10289-105	FL105	Total/NA	Solid	8015 NM	
880-10289-106	FL106	Total/NA	Solid	8015 NM	
880-10289-107	FL107	Total/NA	Solid	8015 NM	
880-10289-108	FL108	Total/NA	Solid	8015 NM	
880-10289-109	FL109	Total/NA	Solid	8015 NM	
880-10289-110	FL110	Total/NA	Solid	8015 NM	
880-10289-111	FL111	Total/NA	Solid	8015 NM	
880-10289-112	FL112	Total/NA	Solid	8015 NM	
880-10289-113	FL113	Total/NA	Solid	8015 NM	
880-10289-114	FL114	Total/NA	Solid	8015 NM	
880-10289-115	FL115	Total/NA	Solid	8015 NM	
880-10289-116	FL116	Total/NA	Solid	8015 NM	
880-10289-117	FL117	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 17135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-55	FL55	Soluble	Solid	DI Leach	
880-10289-56	FL56	Soluble	Solid	DI Leach	
880-10289-57	FL57	Soluble	Solid	DI Leach	
MB 880-17135/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17135/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17135/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10287-A-2-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-10287-A-2-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 17136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-58	FL58	Soluble	Solid	DI Leach	
880-10289-59	FL59	Soluble	Solid	DI Leach	
880-10289-60	FL60	Soluble	Solid	DI Leach	
880-10289-61	FL61	Soluble	Solid	DI Leach	
880-10289-62	FL62	Soluble	Solid	DI Leach	
880-10289-63	FL63	Soluble	Solid	DI Leach	
880-10289-64	FL64	Soluble	Solid	DI Leach	
880-10289-65	FL65	Soluble	Solid	DI Leach	
880-10289-66	FL66	Soluble	Solid	DI Leach	
880-10289-67	FL67	Soluble	Solid	DI Leach	
880-10289-68	FL68	Soluble	Solid	DI Leach	
880-10289-69	FL69	Soluble	Solid	DI Leach	
880-10289-70	FL70	Soluble	Solid	DI Leach	
880-10289-71	FL71	Soluble	Solid	DI Leach	
880-10289-72	FL72	Soluble	Solid	DI Leach	
880-10289-73	FL73	Soluble	Solid	DI Leach	
880-10289-74	FL74	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

HPLC/IC (Continued)

Leach Batch: 17136 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-75	FL75	Soluble	Solid	DI Leach	
880-10289-76	FL76	Soluble	Solid	DI Leach	
880-10289-77	FL77	Soluble	Solid	DI Leach	
MB 880-17136/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17136/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17136/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10289-58 MS	FL58	Soluble	Solid	DI Leach	
880-10289-58 MSD	FL58	Soluble	Solid	DI Leach	
880-10289-68 MS	FL68	Soluble	Solid	DI Leach	
880-10289-68 MSD	FL68	Soluble	Solid	DI Leach	

Leach Batch: 17137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-78	FL78	Soluble	Solid	DI Leach	
880-10289-79	FL79	Soluble	Solid	DI Leach	
880-10289-80	FL80	Soluble	Solid	DI Leach	
880-10289-81	FL81	Soluble	Solid	DI Leach	
880-10289-82	FL82	Soluble	Solid	DI Leach	
880-10289-83	FL83	Soluble	Solid	DI Leach	
880-10289-84	FL84	Soluble	Solid	DI Leach	
880-10289-85	FL85	Soluble	Solid	DI Leach	
880-10289-86	FL86	Soluble	Solid	DI Leach	
880-10289-87	FL87	Soluble	Solid	DI Leach	
880-10289-88	FL88	Soluble	Solid	DI Leach	
880-10289-89	FL89	Soluble	Solid	DI Leach	
880-10289-90	FL90	Soluble	Solid	DI Leach	
880-10289-91	FL91	Soluble	Solid	DI Leach	
880-10289-92	FL92	Soluble	Solid	DI Leach	
880-10289-93	FL93	Soluble	Solid	DI Leach	
880-10289-94	FL94	Soluble	Solid	DI Leach	
880-10289-95	FL95	Soluble	Solid	DI Leach	
880-10289-96	FL96	Soluble	Solid	DI Leach	
880-10289-97	FL97	Soluble	Solid	DI Leach	
MB 880-17137/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17137/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17137/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10289-78 MS	FL78	Soluble	Solid	DI Leach	
880-10289-78 MSD	FL78	Soluble	Solid	DI Leach	
880-10289-88 MS	FL88	Soluble	Solid	DI Leach	
880-10289-88 MSD	FL88	Soluble	Solid	DI Leach	

Leach Batch: 17138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-98	FL98	Soluble	Solid	DI Leach	
880-10289-99	FL99	Soluble	Solid	DI Leach	
880-10289-100	FL100	Soluble	Solid	DI Leach	
880-10289-101	FL101	Soluble	Solid	DI Leach	
880-10289-102	FL102	Soluble	Solid	DI Leach	
880-10289-103	FL103	Soluble	Solid	DI Leach	
880-10289-104	FL104	Soluble	Solid	DI Leach	
880-10289-105	FL105	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

HPLC/IC (Continued)

Leach Batch: 17138 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-106	FL106	Soluble	Solid	DI Leach	
880-10289-107	FL107	Soluble	Solid	DI Leach	
880-10289-108	FL108	Soluble	Solid	DI Leach	
880-10289-109	FL109	Soluble	Solid	DI Leach	
880-10289-110	FL110	Soluble	Solid	DI Leach	
MB 880-17138/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17138/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17138/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10289-98 MS	FL98	Soluble	Solid	DI Leach	
880-10289-98 MSD	FL98	Soluble	Solid	DI Leach	
880-10289-108 MS	FL108	Soluble	Solid	DI Leach	
880-10289-108 MSD	FL108	Soluble	Solid	DI Leach	

Leach Batch: 17139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-1	FL1	Soluble	Solid	DI Leach	
MB 880-17139/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17139/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17139/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10289-1 MS	FL1	Soluble	Solid	DI Leach	
880-10289-1 MSD	FL1	Soluble	Solid	DI Leach	

Leach Batch: 17140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-2	FL2	Soluble	Solid	DI Leach	
880-10289-3	FL3	Soluble	Solid	DI Leach	
880-10289-4	FL4	Soluble	Solid	DI Leach	
880-10289-5	FL5	Soluble	Solid	DI Leach	
880-10289-6	FL6	Soluble	Solid	DI Leach	
880-10289-7	FL7	Soluble	Solid	DI Leach	
880-10289-8	FL8	Soluble	Solid	DI Leach	
880-10289-9	FL9	Soluble	Solid	DI Leach	
880-10289-10	FL10	Soluble	Solid	DI Leach	
880-10289-11	FL11	Soluble	Solid	DI Leach	
880-10289-12	FL12	Soluble	Solid	DI Leach	
880-10289-13	FL13	Soluble	Solid	DI Leach	
880-10289-14	FL14	Soluble	Solid	DI Leach	
880-10289-15	FL15	Soluble	Solid	DI Leach	
880-10289-16	FL16	Soluble	Solid	DI Leach	
880-10289-17	FL17	Soluble	Solid	DI Leach	
880-10289-18	FL18	Soluble	Solid	DI Leach	
880-10289-19	FL19	Soluble	Solid	DI Leach	
880-10289-20	FL20	Soluble	Solid	DI Leach	
880-10289-21	FL21	Soluble	Solid	DI Leach	
MB 880-17140/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17140/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17140/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10289-2 MS	FL2	Soluble	Solid	DI Leach	
880-10289-2 MSD	FL2	Soluble	Solid	DI Leach	
880-10289-12 MS	FL12	Soluble	Solid	DI Leach	
880-10289-12 MSD	FL12	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

HPLC/IC

Leach Batch: 17141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-22	FL22	Soluble	Solid	DI Leach	
880-10289-23	FL23	Soluble	Solid	DI Leach	
880-10289-24	FL24	Soluble	Solid	DI Leach	
880-10289-25	FL25	Soluble	Solid	DI Leach	
880-10289-26	FL26	Soluble	Solid	DI Leach	
880-10289-27	FL27	Soluble	Solid	DI Leach	
880-10289-28	FL128	Soluble	Solid	DI Leach	
880-10289-29	FL29	Soluble	Solid	DI Leach	
880-10289-30	FL30	Soluble	Solid	DI Leach	
880-10289-31	FL31	Soluble	Solid	DI Leach	
880-10289-32	FL32	Soluble	Solid	DI Leach	
880-10289-33	FL33	Soluble	Solid	DI Leach	
880-10289-34	FL34	Soluble	Solid	DI Leach	
880-10289-35	FL35	Soluble	Solid	DI Leach	
880-10289-36	FL36	Soluble	Solid	DI Leach	
880-10289-37	FL37	Soluble	Solid	DI Leach	
880-10289-38	FL38	Soluble	Solid	DI Leach	
880-10289-39	FL39	Soluble	Solid	DI Leach	
880-10289-40	FL40	Soluble	Solid	DI Leach	
880-10289-41	FL41	Soluble	Solid	DI Leach	
MB 880-17141/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17141/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17141/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10289-22 MS	FL22	Soluble	Solid	DI Leach	
880-10289-22 MSD	FL22	Soluble	Solid	DI Leach	
880-10289-32 MS	FL32	Soluble	Solid	DI Leach	
880-10289-32 MSD	FL32	Soluble	Solid	DI Leach	

Leach Batch: 17142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-42	FL42	Soluble	Solid	DI Leach	
880-10289-43	FL43	Soluble	Solid	DI Leach	
880-10289-44	FL44	Soluble	Solid	DI Leach	
880-10289-45	FL45	Soluble	Solid	DI Leach	
880-10289-46	FL46	Soluble	Solid	DI Leach	
880-10289-47	FL47	Soluble	Solid	DI Leach	
880-10289-48	FL48	Soluble	Solid	DI Leach	
880-10289-49	FL49	Soluble	Solid	DI Leach	
880-10289-50	FL50	Soluble	Solid	DI Leach	
880-10289-51	FL51	Soluble	Solid	DI Leach	
880-10289-52	FL52	Soluble	Solid	DI Leach	
880-10289-53	FL53	Soluble	Solid	DI Leach	
880-10289-54	FL54	Soluble	Solid	DI Leach	
880-10289-111	FL111	Soluble	Solid	DI Leach	
880-10289-112	FL112	Soluble	Solid	DI Leach	
880-10289-113	FL113	Soluble	Solid	DI Leach	
880-10289-114	FL114	Soluble	Solid	DI Leach	
880-10289-115	FL115	Soluble	Solid	DI Leach	
880-10289-116	FL116	Soluble	Solid	DI Leach	
880-10289-117	FL117	Soluble	Solid	DI Leach	
MB 880-17142/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

HPLC/IC (Continued)

Leach Batch: 17142 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-17142/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17142/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10289-42 MS	FL42	Soluble	Solid	DI Leach	
880-10289-42 MSD	FL42	Soluble	Solid	DI Leach	
880-10289-52 MS	FL52	Soluble	Solid	DI Leach	
880-10289-52 MSD	FL52	Soluble	Solid	DI Leach	

Analysis Batch: 17187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-1	FL1	Soluble	Solid	300.0	17139
MB 880-17139/1-A	Method Blank	Soluble	Solid	300.0	17139
LCS 880-17139/2-A	Lab Control Sample	Soluble	Solid	300.0	17139
LCSD 880-17139/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17139
880-10289-1 MS	FL1	Soluble	Solid	300.0	17139
880-10289-1 MSD	FL1	Soluble	Solid	300.0	17139

Analysis Batch: 17284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-55	FL55	Soluble	Solid	300.0	17135
880-10289-56	FL56	Soluble	Solid	300.0	17135
880-10289-57	FL57	Soluble	Solid	300.0	17135
MB 880-17135/1-A	Method Blank	Soluble	Solid	300.0	17135
LCS 880-17135/2-A	Lab Control Sample	Soluble	Solid	300.0	17135
LCSD 880-17135/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17135
880-10287-A-2-D MS	Matrix Spike	Soluble	Solid	300.0	17135
880-10287-A-2-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	17135

Analysis Batch: 17321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-98	FL98	Soluble	Solid	300.0	17138
880-10289-99	FL99	Soluble	Solid	300.0	17138
880-10289-100	FL100	Soluble	Solid	300.0	17138
880-10289-101	FL101	Soluble	Solid	300.0	17138
880-10289-102	FL102	Soluble	Solid	300.0	17138
880-10289-103	FL103	Soluble	Solid	300.0	17138
880-10289-104	FL104	Soluble	Solid	300.0	17138
880-10289-105	FL105	Soluble	Solid	300.0	17138
880-10289-106	FL106	Soluble	Solid	300.0	17138
880-10289-107	FL107	Soluble	Solid	300.0	17138
880-10289-108	FL108	Soluble	Solid	300.0	17138
880-10289-109	FL109	Soluble	Solid	300.0	17138
880-10289-110	FL110	Soluble	Solid	300.0	17138
MB 880-17138/1-A	Method Blank	Soluble	Solid	300.0	17138
LCS 880-17138/2-A	Lab Control Sample	Soluble	Solid	300.0	17138
LCSD 880-17138/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17138
880-10289-98 MS	FL98	Soluble	Solid	300.0	17138
880-10289-98 MSD	FL98	Soluble	Solid	300.0	17138
880-10289-108 MS	FL108	Soluble	Solid	300.0	17138
880-10289-108 MSD	FL108	Soluble	Solid	300.0	17138

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

HPLC/IC

Analysis Batch: 17345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-78	FL78	Soluble	Solid	300.0	17137
880-10289-79	FL79	Soluble	Solid	300.0	17137
880-10289-80	FL80	Soluble	Solid	300.0	17137
880-10289-81	FL81	Soluble	Solid	300.0	17137
880-10289-82	FL82	Soluble	Solid	300.0	17137
880-10289-83	FL83	Soluble	Solid	300.0	17137
880-10289-84	FL84	Soluble	Solid	300.0	17137
880-10289-85	FL85	Soluble	Solid	300.0	17137
880-10289-86	FL86	Soluble	Solid	300.0	17137
880-10289-87	FL87	Soluble	Solid	300.0	17137
880-10289-88	FL88	Soluble	Solid	300.0	17137
880-10289-89	FL89	Soluble	Solid	300.0	17137
880-10289-90	FL90	Soluble	Solid	300.0	17137
880-10289-91	FL91	Soluble	Solid	300.0	17137
880-10289-92	FL92	Soluble	Solid	300.0	17137
880-10289-93	FL93	Soluble	Solid	300.0	17137
880-10289-94	FL94	Soluble	Solid	300.0	17137
880-10289-95	FL95	Soluble	Solid	300.0	17137
880-10289-96	FL96	Soluble	Solid	300.0	17137
880-10289-97	FL97	Soluble	Solid	300.0	17137
MB 880-17137/1-A	Method Blank	Soluble	Solid	300.0	17137
LCS 880-17137/2-A	Lab Control Sample	Soluble	Solid	300.0	17137
LCSD 880-17137/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17137
880-10289-78 MS	FL78	Soluble	Solid	300.0	17137
880-10289-78 MSD	FL78	Soluble	Solid	300.0	17137
880-10289-88 MS	FL88	Soluble	Solid	300.0	17137
880-10289-88 MSD	FL88	Soluble	Solid	300.0	17137

Analysis Batch: 17346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-58	FL58	Soluble	Solid	300.0	17136
880-10289-59	FL59	Soluble	Solid	300.0	17136
880-10289-60	FL60	Soluble	Solid	300.0	17136
880-10289-61	FL61	Soluble	Solid	300.0	17136
880-10289-62	FL62	Soluble	Solid	300.0	17136
880-10289-63	FL63	Soluble	Solid	300.0	17136
880-10289-64	FL64	Soluble	Solid	300.0	17136
880-10289-65	FL65	Soluble	Solid	300.0	17136
880-10289-66	FL66	Soluble	Solid	300.0	17136
880-10289-67	FL67	Soluble	Solid	300.0	17136
880-10289-68	FL68	Soluble	Solid	300.0	17136
880-10289-69	FL69	Soluble	Solid	300.0	17136
880-10289-70	FL70	Soluble	Solid	300.0	17136
880-10289-71	FL71	Soluble	Solid	300.0	17136
880-10289-72	FL72	Soluble	Solid	300.0	17136
880-10289-73	FL73	Soluble	Solid	300.0	17136
880-10289-74	FL74	Soluble	Solid	300.0	17136
880-10289-75	FL75	Soluble	Solid	300.0	17136
880-10289-76	FL76	Soluble	Solid	300.0	17136
880-10289-77	FL77	Soluble	Solid	300.0	17136
MB 880-17136/1-A	Method Blank	Soluble	Solid	300.0	17136

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

HPLC/IC (Continued)

Analysis Batch: 17346 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-17136/2-A	Lab Control Sample	Soluble	Solid	300.0	17136
LCSD 880-17136/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17136
880-10289-58 MS	FL58	Soluble	Solid	300.0	17136
880-10289-58 MSD	FL58	Soluble	Solid	300.0	17136
880-10289-68 MS	FL68	Soluble	Solid	300.0	17136
880-10289-68 MSD	FL68	Soluble	Solid	300.0	17136

Analysis Batch: 17412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-42	FL42	Soluble	Solid	300.0	17142
880-10289-43	FL43	Soluble	Solid	300.0	17142
880-10289-44	FL44	Soluble	Solid	300.0	17142
880-10289-45	FL45	Soluble	Solid	300.0	17142
880-10289-46	FL46	Soluble	Solid	300.0	17142
880-10289-47	FL47	Soluble	Solid	300.0	17142
880-10289-48	FL48	Soluble	Solid	300.0	17142
880-10289-49	FL49	Soluble	Solid	300.0	17142
880-10289-50	FL50	Soluble	Solid	300.0	17142
880-10289-51	FL51	Soluble	Solid	300.0	17142
880-10289-52	FL52	Soluble	Solid	300.0	17142
880-10289-53	FL53	Soluble	Solid	300.0	17142
880-10289-54	FL54	Soluble	Solid	300.0	17142
880-10289-111	FL111	Soluble	Solid	300.0	17142
880-10289-112	FL112	Soluble	Solid	300.0	17142
880-10289-113	FL113	Soluble	Solid	300.0	17142
880-10289-114	FL114	Soluble	Solid	300.0	17142
880-10289-115	FL115	Soluble	Solid	300.0	17142
880-10289-116	FL116	Soluble	Solid	300.0	17142
880-10289-117	FL117	Soluble	Solid	300.0	17142
MB 880-17142/1-A	Method Blank	Soluble	Solid	300.0	17142
LCS 880-17142/2-A	Lab Control Sample	Soluble	Solid	300.0	17142
LCSD 880-17142/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17142
880-10289-42 MS	FL42	Soluble	Solid	300.0	17142
880-10289-42 MSD	FL42	Soluble	Solid	300.0	17142
880-10289-52 MS	FL52	Soluble	Solid	300.0	17142
880-10289-52 MSD	FL52	Soluble	Solid	300.0	17142

Analysis Batch: 17413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-22	FL22	Soluble	Solid	300.0	17141
880-10289-23	FL23	Soluble	Solid	300.0	17141
880-10289-24	FL24	Soluble	Solid	300.0	17141
880-10289-25	FL25	Soluble	Solid	300.0	17141
880-10289-26	FL26	Soluble	Solid	300.0	17141
880-10289-27	FL27	Soluble	Solid	300.0	17141
880-10289-28	FL128	Soluble	Solid	300.0	17141
880-10289-29	FL29	Soluble	Solid	300.0	17141
880-10289-30	FL30	Soluble	Solid	300.0	17141
880-10289-31	FL31	Soluble	Solid	300.0	17141
880-10289-32	FL32	Soluble	Solid	300.0	17141
880-10289-33	FL33	Soluble	Solid	300.0	17141

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

HPLC/IC (Continued)

Analysis Batch: 17413 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-34	FL34	Soluble	Solid	300.0	17141
880-10289-35	FL35	Soluble	Solid	300.0	17141
880-10289-36	FL36	Soluble	Solid	300.0	17141
880-10289-37	FL37	Soluble	Solid	300.0	17141
880-10289-38	FL38	Soluble	Solid	300.0	17141
880-10289-39	FL39	Soluble	Solid	300.0	17141
880-10289-40	FL40	Soluble	Solid	300.0	17141
880-10289-41	FL41	Soluble	Solid	300.0	17141
MB 880-17141/1-A	Method Blank	Soluble	Solid	300.0	17141
LCS 880-17141/2-A	Lab Control Sample	Soluble	Solid	300.0	17141
LCSD 880-17141/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17141
880-10289-22 MS	FL22	Soluble	Solid	300.0	17141
880-10289-22 MSD	FL22	Soluble	Solid	300.0	17141
880-10289-32 MS	FL32	Soluble	Solid	300.0	17141
880-10289-32 MSD	FL32	Soluble	Solid	300.0	17141

Analysis Batch: 17414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10289-2	FL2	Soluble	Solid	300.0	17140
880-10289-3	FL3	Soluble	Solid	300.0	17140
880-10289-4	FL4	Soluble	Solid	300.0	17140
880-10289-5	FL5	Soluble	Solid	300.0	17140
880-10289-6	FL6	Soluble	Solid	300.0	17140
880-10289-7	FL7	Soluble	Solid	300.0	17140
880-10289-8	FL8	Soluble	Solid	300.0	17140
880-10289-9	FL9	Soluble	Solid	300.0	17140
880-10289-10	FL10	Soluble	Solid	300.0	17140
880-10289-11	FL11	Soluble	Solid	300.0	17140
880-10289-12	FL12	Soluble	Solid	300.0	17140
880-10289-13	FL13	Soluble	Solid	300.0	17140
880-10289-14	FL14	Soluble	Solid	300.0	17140
880-10289-15	FL15	Soluble	Solid	300.0	17140
880-10289-16	FL16	Soluble	Solid	300.0	17140
880-10289-17	FL17	Soluble	Solid	300.0	17140
880-10289-18	FL18	Soluble	Solid	300.0	17140
880-10289-19	FL19	Soluble	Solid	300.0	17140
880-10289-20	FL20	Soluble	Solid	300.0	17140
880-10289-21	FL21	Soluble	Solid	300.0	17140
MB 880-17140/1-A	Method Blank	Soluble	Solid	300.0	17140
LCS 880-17140/2-A	Lab Control Sample	Soluble	Solid	300.0	17140
LCSD 880-17140/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17140
880-10289-2 MS	FL2	Soluble	Solid	300.0	17140
880-10289-2 MSD	FL2	Soluble	Solid	300.0	17140
880-10289-12 MS	FL12	Soluble	Solid	300.0	17140
880-10289-12 MSD	FL12	Soluble	Solid	300.0	17140

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL1

Lab Sample ID: 880-10289-1

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/18/22 22:19	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 11:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	17139	01/18/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			17187	01/19/22 23:54	CH	XEN MID

Client Sample ID: FL2

Lab Sample ID: 880-10289-2

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/18/22 22:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 12:25	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 14:29	CH	XEN MID

Client Sample ID: FL3

Lab Sample ID: 880-10289-3

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/18/22 23:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 12:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 14:48	CH	XEN MID

Client Sample ID: FL4

Lab Sample ID: 880-10289-4

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/18/22 23:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL4

Lab Sample ID: 880-10289-4

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 13:08	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 14:55	CH	XEN MID

Client Sample ID: FL5

Lab Sample ID: 880-10289-5

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/18/22 23:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 13:28	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 15:01	CH	XEN MID

Client Sample ID: FL6

Lab Sample ID: 880-10289-6

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/19/22 00:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 13:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 15:07	CH	XEN MID

Client Sample ID: FL7

Lab Sample ID: 880-10289-7

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/19/22 00:22	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 14:10	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL7

Lab Sample ID: 880-10289-7

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 15:26	CH	XEN MID

Client Sample ID: FL8

Lab Sample ID: 880-10289-8

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/19/22 00:42	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 14:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 15:33	CH	XEN MID

Client Sample ID: FL9

Lab Sample ID: 880-10289-9

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/19/22 01:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 14:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 15:39	CH	XEN MID

Client Sample ID: FL10

Lab Sample ID: 880-10289-10

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/19/22 01:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 15:13	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 15:46	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL11

Lab Sample ID: 880-10289-11

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/19/22 02:46	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 15:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 15:52	CH	XEN MID

Client Sample ID: FL12

Lab Sample ID: 880-10289-12

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/19/22 03:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 16:17	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 15:58	CH	XEN MID

Client Sample ID: FL13

Lab Sample ID: 880-10289-13

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/19/22 03:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 16:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 16:17	CH	XEN MID

Client Sample ID: FL14

Lab Sample ID: 880-10289-14

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/19/22 03:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL14

Lab Sample ID: 880-10289-14

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 16:59	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 16:24	CH	XEN MID

Client Sample ID: FL15

Lab Sample ID: 880-10289-15

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/19/22 04:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 17:19	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 16:43	CH	XEN MID

Client Sample ID: FL16

Lab Sample ID: 880-10289-16

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/19/22 04:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 17:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 16:49	CH	XEN MID

Client Sample ID: FL17

Lab Sample ID: 880-10289-17

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/19/22 04:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 18:01	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL17

Lab Sample ID: 880-10289-17

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 16:55	CH	XEN MID

Client Sample ID: FL18

Lab Sample ID: 880-10289-18

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/19/22 05:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 18:22	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 17:02	CH	XEN MID

Client Sample ID: FL19

Lab Sample ID: 880-10289-19

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/19/22 05:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 18:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 17:08	CH	XEN MID

Client Sample ID: FL20

Lab Sample ID: 880-10289-20

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	17104	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/19/22 05:51	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17222	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17166	01/18/22 13:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17331	01/20/22 19:03	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 17:14	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL21

Lab Sample ID: 880-10289-21

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/18/22 23:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 11:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17140	01/18/22 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			17414	01/23/22 17:21	CH	XEN MID

Client Sample ID: FL22

Lab Sample ID: 880-10289-22

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/18/22 23:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 12:16	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 19:24	CH	XEN MID

Client Sample ID: FL23

Lab Sample ID: 880-10289-23

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/18/22 23:57	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 12:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 19:46	CH	XEN MID

Client Sample ID: FL24

Lab Sample ID: 880-10289-24

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 00:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL24

Lab Sample ID: 880-10289-24

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 12:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 19:54	CH	XEN MID

Client Sample ID: FL25

Lab Sample ID: 880-10289-25

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 00:38	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 13:19	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 20:01	CH	XEN MID

Client Sample ID: FL26

Lab Sample ID: 880-10289-26

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 00:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 13:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 20:09	CH	XEN MID

Client Sample ID: FL27

Lab Sample ID: 880-10289-27

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 01:19	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 14:01	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL27

Lab Sample ID: 880-10289-27

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 20:31	CH	XEN MID

Client Sample ID: FL128

Lab Sample ID: 880-10289-28

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 01:39	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 14:22	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 20:39	CH	XEN MID

Client Sample ID: FL29

Lab Sample ID: 880-10289-29

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 02:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 14:42	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 20:47	CH	XEN MID

Client Sample ID: FL30

Lab Sample ID: 880-10289-30

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 02:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 15:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 20:54	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL31

Lab Sample ID: 880-10289-31

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 04:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 15:45	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 21:02	CH	XEN MID

Client Sample ID: FL32

Lab Sample ID: 880-10289-32

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 04:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 16:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 21:09	CH	XEN MID

Client Sample ID: FL33

Lab Sample ID: 880-10289-33

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 04:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 16:26	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 21:32	CH	XEN MID

Client Sample ID: FL34

Lab Sample ID: 880-10289-34

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 05:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL34

Lab Sample ID: 880-10289-34

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 16:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 21:39	CH	XEN MID

Client Sample ID: FL35

Lab Sample ID: 880-10289-35

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 05:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 17:19	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 22:02	CH	XEN MID

Client Sample ID: FL36

Lab Sample ID: 880-10289-36

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 05:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 17:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 22:10	CH	XEN MID

Client Sample ID: FL37

Lab Sample ID: 880-10289-37

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 06:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 18:00	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL37

Lab Sample ID: 880-10289-37

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 22:17	CH	XEN MID

Client Sample ID: FL38

Lab Sample ID: 880-10289-38

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 06:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 18:21	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 22:25	CH	XEN MID

Client Sample ID: FL39

Lab Sample ID: 880-10289-39

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 06:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 18:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 22:32	CH	XEN MID

Client Sample ID: FL40

Lab Sample ID: 880-10289-40

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17106	01/18/22 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17101	01/19/22 07:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17190	01/18/22 15:33	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17214	01/19/22 19:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 22:40	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL41

Lab Sample ID: 880-10289-41

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/18/22 20:51	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 11:18	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17141	01/18/22 11:38	CH	XEN MID
Soluble	Analysis	300.0		1			17413	01/21/22 22:47	CH	XEN MID

Client Sample ID: FL42

Lab Sample ID: 880-10289-42

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/18/22 21:19	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 12:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 17:18	CH	XEN MID

Client Sample ID: FL43

Lab Sample ID: 880-10289-43

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/18/22 21:46	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 12:44	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 17:54	CH	XEN MID

Client Sample ID: FL44

Lab Sample ID: 880-10289-44

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/18/22 22:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL44

Lab Sample ID: 880-10289-44

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 13:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 18:05	CH	XEN MID

Client Sample ID: FL45

Lab Sample ID: 880-10289-45

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/18/22 22:42	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 13:26	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 18:17	CH	XEN MID

Client Sample ID: FL46

Lab Sample ID: 880-10289-46

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/18/22 23:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 13:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 18:29	CH	XEN MID

Client Sample ID: FL47

Lab Sample ID: 880-10289-47

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/18/22 23:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 14:09	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL47

Lab Sample ID: 880-10289-47

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 19:05	CH	XEN MID

Client Sample ID: FL48

Lab Sample ID: 880-10289-48

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/19/22 00:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 14:30	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 19:17	CH	XEN MID

Client Sample ID: FL49

Lab Sample ID: 880-10289-49

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/19/22 00:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 14:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 19:29	CH	XEN MID

Client Sample ID: FL50

Lab Sample ID: 880-10289-50

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/19/22 01:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 15:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 19:40	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL51

Lab Sample ID: 880-10289-51

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/19/22 02:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 15:53	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 19:52	CH	XEN MID

Client Sample ID: FL52

Lab Sample ID: 880-10289-52

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/19/22 03:21	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 16:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 20:04	CH	XEN MID

Client Sample ID: FL53

Lab Sample ID: 880-10289-53

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/19/22 03:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 16:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 20:40	CH	XEN MID

Client Sample ID: FL54

Lab Sample ID: 880-10289-54

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/19/22 04:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL54

Lab Sample ID: 880-10289-54

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 16:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 20:52	CH	XEN MID

Client Sample ID: FL55

Lab Sample ID: 880-10289-55

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/19/22 04:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 17:20	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	17135	01/18/22 11:25	CH	XEN MID
Soluble	Analysis	300.0		1			17284	01/20/22 01:26	CH	XEN MID

Client Sample ID: FL56

Lab Sample ID: 880-10289-56

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/19/22 05:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 17:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17135	01/18/22 11:25	CH	XEN MID
Soluble	Analysis	300.0		1			17284	01/20/22 01:38	CH	XEN MID

Client Sample ID: FL57

Lab Sample ID: 880-10289-57

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/19/22 05:39	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 18:01	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL57

Lab Sample ID: 880-10289-57

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	17135	01/18/22 11:25	CH	XEN MID
Soluble	Analysis	300.0		1			17284	01/20/22 01:49	CH	XEN MID

Client Sample ID: FL58

Lab Sample ID: 880-10289-58

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/19/22 06:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 18:22	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 09:56	CH	XEN MID

Client Sample ID: FL59

Lab Sample ID: 880-10289-59

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/19/22 06:32	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 18:42	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 10:31	CH	XEN MID

Client Sample ID: FL60

Lab Sample ID: 880-10289-60

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17107	01/18/22 09:14	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17102	01/19/22 06:59	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17191	01/18/22 15:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17209	01/19/22 19:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 10:43	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL61

Lab Sample ID: 880-10289-61

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 11:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 11:18	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 10:55	CH	XEN MID

Client Sample ID: FL62

Lab Sample ID: 880-10289-62

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 11:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 12:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 11:07	CH	XEN MID

Client Sample ID: FL63

Lab Sample ID: 880-10289-63

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 12:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 12:44	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 11:42	CH	XEN MID

Client Sample ID: FL64

Lab Sample ID: 880-10289-64

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 12:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL64

Lab Sample ID: 880-10289-64

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 13:05	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 11:54	CH	XEN MID

Client Sample ID: FL65

Lab Sample ID: 880-10289-65

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 12:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 13:26	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 12:06	CH	XEN MID

Client Sample ID: FL66

Lab Sample ID: 880-10289-66

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 13:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 13:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 12:18	CH	XEN MID

Client Sample ID: FL67

Lab Sample ID: 880-10289-67

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 13:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 14:09	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL67

Lab Sample ID: 880-10289-67

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 12:30	CH	XEN MID

Client Sample ID: FL68

Lab Sample ID: 880-10289-68

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 13:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 14:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 12:41	CH	XEN MID

Client Sample ID: FL69

Lab Sample ID: 880-10289-69

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 14:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 14:51	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 13:17	CH	XEN MID

Client Sample ID: FL70

Lab Sample ID: 880-10289-70

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 14:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 15:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 13:29	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL71

Lab Sample ID: 880-10289-71

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 16:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 15:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 14:04	CH	XEN MID

Client Sample ID: FL72

Lab Sample ID: 880-10289-72

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 16:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 16:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 14:16	CH	XEN MID

Client Sample ID: FL73

Lab Sample ID: 880-10289-73

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 16:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 16:35	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 14:28	CH	XEN MID

Client Sample ID: FL74

Lab Sample ID: 880-10289-74

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 17:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL74

Lab Sample ID: 880-10289-74

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 16:55	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 14:40	CH	XEN MID

Client Sample ID: FL75

Lab Sample ID: 880-10289-75

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 17:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 17:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 14:52	CH	XEN MID

Client Sample ID: FL76

Lab Sample ID: 880-10289-76

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 17:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 17:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 15:04	CH	XEN MID

Client Sample ID: FL77

Lab Sample ID: 880-10289-77

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 18:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 18:01	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL77

Lab Sample ID: 880-10289-77

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	17136	01/18/22 11:27	CH	XEN MID
Soluble	Analysis	300.0		1			17346	01/20/22 15:15	CH	XEN MID

Client Sample ID: FL78

Lab Sample ID: 880-10289-78

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 18:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 18:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 09:21	CH	XEN MID

Client Sample ID: FL79

Lab Sample ID: 880-10289-79

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 18:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 18:42	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 09:44	CH	XEN MID

Client Sample ID: FL80

Lab Sample ID: 880-10289-80

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17108	01/18/22 09:18	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 19:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17356	01/20/22 12:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17192	01/18/22 15:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 19:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 09:52	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL81

Lab Sample ID: 880-10289-81

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 11:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 11:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 09:59	CH	XEN MID

Client Sample ID: FL82

Lab Sample ID: 880-10289-82

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 12:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 12:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 10:07	CH	XEN MID

Client Sample ID: FL83

Lab Sample ID: 880-10289-83

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 12:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 12:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 10:30	CH	XEN MID

Client Sample ID: FL84

Lab Sample ID: 880-10289-84

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 13:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL84

Lab Sample ID: 880-10289-84

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 13:07	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 10:37	CH	XEN MID

Client Sample ID: FL85

Lab Sample ID: 880-10289-85

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 13:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 13:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 10:45	CH	XEN MID

Client Sample ID: FL86

Lab Sample ID: 880-10289-86

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 14:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 13:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 10:52	CH	XEN MID

Client Sample ID: FL87

Lab Sample ID: 880-10289-87

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 14:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 14:10	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL87

Lab Sample ID: 880-10289-87

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 11:00	CH	XEN MID

Client Sample ID: FL88

Lab Sample ID: 880-10289-88

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 15:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 14:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 11:07	CH	XEN MID

Client Sample ID: FL89

Lab Sample ID: 880-10289-89

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 15:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 14:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 11:30	CH	XEN MID

Client Sample ID: FL90

Lab Sample ID: 880-10289-90

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 15:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 15:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 11:38	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL91

Lab Sample ID: 880-10289-91

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 17:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 15:56	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 12:00	CH	XEN MID

Client Sample ID: FL92

Lab Sample ID: 880-10289-92

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 18:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 16:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 12:08	CH	XEN MID

Client Sample ID: FL93

Lab Sample ID: 880-10289-93

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 18:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 16:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 12:15	CH	XEN MID

Client Sample ID: FL94

Lab Sample ID: 880-10289-94

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 18:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL94

Lab Sample ID: 880-10289-94

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 17:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 12:23	CH	XEN MID

Client Sample ID: FL95

Lab Sample ID: 880-10289-95

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 19:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 17:20	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 12:30	CH	XEN MID

Client Sample ID: FL96

Lab Sample ID: 880-10289-96

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 19:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 17:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 12:46	CH	XEN MID

Client Sample ID: FL97

Lab Sample ID: 880-10289-97

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 20:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 18:02	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL97

Lab Sample ID: 880-10289-97

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	17137	01/18/22 11:30	CH	XEN MID
Soluble	Analysis	300.0		1			17345	01/20/22 12:38	CH	XEN MID

Client Sample ID: FL98

Lab Sample ID: 880-10289-98

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 20:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 18:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 04:47	CH	XEN MID

Client Sample ID: FL99

Lab Sample ID: 880-10289-99

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 21:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 18:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 05:12	CH	XEN MID

Client Sample ID: FL100

Lab Sample ID: 880-10289-100

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17109	01/18/22 09:23	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/19/22 21:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17215	01/19/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17326	01/20/22 19:03	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 05:20	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL101

Lab Sample ID: 880-10289-101

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 22:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 11:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 05:28	CH	XEN MID

Client Sample ID: FL102

Lab Sample ID: 880-10289-102

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 23:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 12:24	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 05:37	CH	XEN MID

Client Sample ID: FL103

Lab Sample ID: 880-10289-103

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 23:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 12:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 06:02	CH	XEN MID

Client Sample ID: FL104

Lab Sample ID: 880-10289-104

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/19/22 23:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL104

Lab Sample ID: 880-10289-104

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 13:07	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 06:10	CH	XEN MID

Client Sample ID: FL105

Lab Sample ID: 880-10289-105

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/20/22 00:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 13:28	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 06:19	CH	XEN MID

Client Sample ID: FL106

Lab Sample ID: 880-10289-106

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/20/22 00:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 13:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 06:27	CH	XEN MID

Client Sample ID: FL107

Lab Sample ID: 880-10289-107

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/20/22 00:57	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 14:10	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL107

Lab Sample ID: 880-10289-107

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 06:35	CH	XEN MID

Client Sample ID: FL108

Lab Sample ID: 880-10289-108

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/20/22 01:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:26	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 14:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 06:44	CH	XEN MID

Client Sample ID: FL109

Lab Sample ID: 880-10289-109

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/20/22 01:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 14:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 07:09	CH	XEN MID

Client Sample ID: FL110

Lab Sample ID: 880-10289-110

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/20/22 01:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 15:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 07:17	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL111

Lab Sample ID: 880-10289-111

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/20/22 03:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 15:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 21:27	CH	XEN MID

Client Sample ID: FL112

Lab Sample ID: 880-10289-112

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/20/22 03:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 16:18	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 21:39	CH	XEN MID

Client Sample ID: FL113

Lab Sample ID: 880-10289-113

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/20/22 04:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 16:39	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 21:51	CH	XEN MID

Client Sample ID: FL114

Lab Sample ID: 880-10289-114

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/20/22 04:21	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL114

Lab Sample ID: 880-10289-114

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 17:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 22:03	CH	XEN MID

Client Sample ID: FL115

Lab Sample ID: 880-10289-115

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17218	01/19/22 13:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17325	01/20/22 23:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 17:20	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 22:14	CH	XEN MID

Client Sample ID: FL116

Lab Sample ID: 880-10289-116

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17218	01/19/22 13:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17325	01/20/22 23:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 17:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 09:02	CH	XEN MID

Client Sample ID: FL117

Lab Sample ID: 880-10289-117

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	17218	01/19/22 13:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17325	01/20/22 23:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:08	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 18:02	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Client Sample ID: FL117
Date Collected: 01/14/22 00:00
Date Received: 01/18/22 00:00

Lab Sample ID: 880-10289-117
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	17142	01/18/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			17412	01/21/22 22:38	CH	XEN MID

Laboratory References:
XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

Sample Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-10289-1	FL1	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-2	FL2	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-3	FL3	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-4	FL4	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-5	FL5	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-6	FL6	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-7	FL7	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-8	FL8	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-9	FL9	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-10	FL10	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-11	FL11	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-12	FL12	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-13	FL13	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-14	FL14	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-15	FL15	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-16	FL16	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-17	FL17	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-18	FL18	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-19	FL19	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-20	FL20	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-21	FL21	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-22	FL22	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-23	FL23	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-24	FL24	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-25	FL25	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-26	FL26	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-27	FL27	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-28	FL128	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-29	FL29	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-30	FL30	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-31	FL31	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-32	FL32	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-33	FL33	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-34	FL34	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-35	FL35	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-36	FL36	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-37	FL37	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-38	FL38	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-39	FL39	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-40	FL40	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-41	FL41	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-42	FL42	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-43	FL43	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-44	FL44	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-45	FL45	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-46	FL46	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-47	FL47	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-48	FL48	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-49	FL49	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-50	FL50	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-51	FL51	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-52	FL52	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-53	FL53	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-54	FL54	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-55	FL55	Solid	01/14/22 00:00	01/18/22 00:00	2"

Sample Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-10289-56	FL56	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-57	FL57	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-58	FL58	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-59	FL59	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-60	FL60	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-61	FL61	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-62	FL62	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-63	FL63	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-64	FL64	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-65	FL65	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-66	FL66	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-67	FL67	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-68	FL68	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-69	FL69	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-70	FL70	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-71	FL71	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-72	FL72	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-73	FL73	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-74	FL74	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-75	FL75	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-76	FL76	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-77	FL77	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-78	FL78	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-79	FL79	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-80	FL80	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-81	FL81	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-82	FL82	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-83	FL83	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-84	FL84	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-85	FL85	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-86	FL86	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-87	FL87	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-88	FL88	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-89	FL89	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-90	FL90	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-91	FL91	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-92	FL92	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-93	FL93	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-94	FL94	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-95	FL95	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-96	FL96	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-97	FL97	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-98	FL98	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-99	FL99	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-100	FL100	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-101	FL101	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-102	FL102	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-103	FL103	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-104	FL104	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-105	FL105	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-106	FL106	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-107	FL107	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-108	FL108	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-109	FL109	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-110	FL110	Solid	01/14/22 00:00	01/18/22 00:00	2"

Sample Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10289-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-10289-111	FL111	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-112	FL112	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-113	FL113	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-114	FL114	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-115	FL115	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-116	FL116	Solid	01/14/22 00:00	01/18/22 00:00	2"
880-10289-117	FL117	Solid	01/14/22 00:00	01/18/22 00:00	2"



Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199



88U-10289 Chain of Custody

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐ State of Project: Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐ Deliverables EDD ☐ ADAPT ☐ Other:	

Project Name	ARU #16	Turn Around		ANALYSIS REQUEST										Preservative Codes					
Project Number		☒ Routine	☐ Rush											None	NO	DI Water	H ₂ O		
Project Location		Due Date												Cool	Cool	MeOH	Me		
Sampler's Name	Bradley Wells	TAT starts the day received by the lab if received by 4 30pm												HCL	HC	HNO ₃	HN		
PO #														H ₂ S0 ₄	H ₂	NaOH	Na		
SAMPLE RECEIPT		Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☐ No ☒											H ₃ PO ₄	HP		
Samples Received Intact:	☒ Yes ☐ No	Thermometer ID														NaHSO ₄	NABIS		
Cooler Custody Seals	Yes ☐ No ☒	Correction Factor														Na ₂ S ₂ O ₃	NaSO ₃		
Sample Custody Seals	Yes ☐ No ☒	Temperature Reading														Zn Acetate	+NaOH	Zn	
Total Containers		Corrected Temperature														NaOH+Ascorbic Acid	SAPC		

[illegible]

Total 200.7 / 6010	200.8 / 6020:	
8RCRA	13PPM	Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
TCLP / SPLP 6010	8RCRA	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U
		Hq 1631 / 245.1 / 7470 / 7477

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted for analysis. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	1-17/9:49	2 <i>[Signature]</i>	<i>[Signature]</i>	1-18-22 11:13
3			4		
5			6		



Chain of Custody
Form

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 102891

www.xenco.com Page 2 of 12

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Lovington, NM 88260	City, State ZIP	Midland TX 79702
Phone	575 393-3386	Email	arickard@cambramgmt.com and pm@hungry-horse.com

Work Order Comments Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐ State of Project: _____ Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐ Deliverables EDD ☐ ADAPT ☐ Other _____	

Project Name	ARU #16	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number		☒ Routine ☐ Rush														None NO DI Water H ₂ O		
Project Location		Due Date														Cool Cool MeOH Me		
Sampler's Name	Bradley Wells	TAT starts the day received by the lab if received by 4:30pm														HCL HC HNO ₃ HN		
PO #																H ₂ SO ₄ H ₂ NaOH Na		
SAMPLE RECEIPT	Temp Blank	Yes (No)	Wet Ice	Yes (No)													H ₃ PO ₄ HP	
	Samples Received Intact	Yes (No)	Thermometer ID	Yes (No)													NaHSO ₄ NABIS	
	Cooler Custody Seals	Yes (No)	Correction Factor	Yes (No)													Na ₂ S ₂ O ₃ NaSO ₃	
	Sample Custody Seals	Yes (No)	Temperature Reading	Yes (No)													Zn Acetate+NaOH Zn	
	Total Containers	Corrected Temperature															NaOH+Ascorbic Acid SACP	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	CHLORIDE	BTEX	TPH													Sample Comments	
FL11	Soil	1/14/22		2'	C	1	X	X	X														
FL12	Soil	1/14/22		2'	C	1	X	X	X														
FL13	Soil	1/14/22		2'	C	1	X	X	X														
FL14	Soil	1/14/22		2'	C	1	X	X	X														
FL15	Soil	1/14/22		2'	C	1	X	X	X														
FL16	Soil	1/14/22		2'	C	1	X	X	X														
FL17	Soil	1/14/22		2'	C	1	X	X	X														
FL18	Soil	1/14/22		2'	C	1	X	X	X														
FL19	Soil	1/14/22		2'	C	1	X	X	X														
FL20	Soil	1/14/22		2'	C	1	X	X	X														

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245.1 / 7470 / 7471

Notice Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1/17/22 10:49	<i>[Signature]</i>	<i>[Signature]</i>	1-18-22 11:13



Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 10289

www.xenco.com Page 3 of 12

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Loveington NM 88260	City, State ZIP	Midland, TX 79702
Phone	575 393-3386	Email	arickard@canbriamgmt.com and pm@hungry-horse.com

Work Order Comments	
Program: UST/PST ☐ PRR ☐ Brownfields ☐ RRC ☐ Superfund ☐	State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	Deliverables EDD ☐ ADAPT ☐ Other

Project Name	ARU #16	Turn Around	☒ Routine ☐ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Location		Due Date															None NO	DI Water H ₂ O
Sampler's Name	Bradley Wells	TAT starts the day received by the lab if received by 4:30pm															Cool Cool	MeOH Me
PO #																	HCL HC	HNO ₃ HN
SAMPLE RECEIPT	Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐													H ₂ SO ₄ H ₂	NaOH Na
Samples Received Intact	Yes ☒ No ☐	Thermometer ID															H ₃ PO ₄ HP	
Cooler Custody Seals	Yes ☒ No ☐	Correction Factor															NaHSO ₄ NABIS	
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading															Na ₂ S ₂ O ₃ NaSO ₃	
Total Containers		Corrected Temperature															Zn Acetate+NaOH Zn	
																	NaOH+Ascorbic Acid SAPC	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	CHLORIDE	BTEX	TPH													Sample Comments
FL21	Soil	1/14/22		2'	C	1	X	X	X													
FL22	Soil	1/14/22		2'	C	1	X	X	X													
FL23	Soil	1/14/22		2'	C	1	X	X	X													
FL24	Soil	1/14/22		2'	C	1	X	X	X													
FL25	Soil	1/14/22		2'	C	1	X	X	X													
FL26	Soil	1/14/22		2'	C	1	X	X	X													
FL27	Soil	1/14/22		2'	C	1	X	X	X													
FL28	Soil	1/14/22		2'	C	1	X	X	X													
FL29	Soil	1/14/22		2'	C	1	X	X	X													
FL30	Soil	1/14/22		2'	C	1	X	X	X													

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM	Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1-17/9:49	<i>[Signature]</i>	<i>[Signature]</i>	1-18-22 11:13



20100101

Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 10289

www.xenco.com Page 4 of 12

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Livingston, NM 88260	City, State ZIP	Midland, TX 79702
Phone	575 393-3386	Email	arickard@cambranmgt.com and pm@hungry-horse.com

Work Order Comments	
Program: UST/PST	☐ PRR ☐ Brownfields ☐ RRC ☐ Superfund
State of Project:	
Reporting Level II	☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD	☐ ADAPT ☐ Other

Project Name	ARU #16	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes												
Project Number		Due Date																None NO DI Water H ₂ O Cool Cool MeOH Me HCL HC HNO ₃ HN H ₂ SO ₄ H ₂ NaOH Na H ₃ PO ₄ HP NaHSO ₄ NABIS Na ₂ S ₂ O ₃ NaSO ₃ Zn Acetate+NaOH Zn NaOH+Ascorbic Acid SACP												
Sample Location	Bradley Wells	TAT starts the day received by the lab if received by 4 30pm																												
Sample's Name																														
PO #																														
SAMPLE RECEIPT	Temp Blank	Yes	No	Wet Ice	Yes	No																								
Samples Received Intact	Yes	No	Thermometer ID																											
Cooler Custody Seals	Yes	No	Correction Factor																											
Sample Custody Seals	Yes	No	Temperature Reading																											
Total Containers		Corrected Temperature																												

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	CHLORIDE	BTEX	TPH																																					Sample Comments
FL31	Soil	1/14/22		2'	C	1	X	X	X																																					
FL32	Soil	1/14/22		2'	C	1	X	X	X																																					
FL33	Soil	1/14/22		2'	C	1	X	X	X																																					
FL34	Soil	1/14/22		2'	C	1	X	X	X																																					
FL35	Soil	1/14/22		2'	C	1	X	X	X																																					
FL36	Soil	1/14/22		2'	C	1	X	X	X																																					
FL37	Soil	1/14/22		2'	C	1	X	X	X																																					
FL38	Soil	1/14/22		2'	C	1	X	X	X																																					
FL39	Soil	1/14/22		2'	C	1	X	X	X																																					
FL40	Soil	1/14/22		2'	C	1	X	X	X																																					

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1-17/9:50 ²	<i>[Signature]</i>	<i>[Signature]</i>	1-18-22 11:13



Figure 6

U.S. DEPARTMENT OF AGRICULTURE

Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 10285

10280

www.xenco.com Page 5 of 12

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Lovington, NM 88260	City, State ZIP	Midland TX 79702
Phone	575 393-3386	Email	arickard@cambridriamgmt.com and pm@hungry-horse.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name:	ARU #16	Turn Around		ANALYSIS REQUEST										Preservative Codes			
Project Number:		☒ Routine	☐ Rush	Pres. Code												None NO	DI Water H ₂ O
Project Location		Due Date														Cool Cool	MeOH Me
Sampler's Name	Bradley Wells	TAT starts the day received by the lab if received by 4:30pm														HCL HC	HNO ₃ HN
PO #:																H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT		Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐											H ₃ PO ₄ HP	
Samples Received Intact	Yes ☒ No ☐	Thermometer ID	148										NaHSO ₄ NABIS				
Cooler Custody Seals	Yes ☐ No ☒	Correction Factor	.10										Na ₂ S ₂ O ₃ NASO ₃				
Sample Custody Seals	Yes ☐ No ☒	Temperature Reading	27										Zn Acetate+NaOH Zn				
Total Containers		Corrected Temperature	28										NaOH+Ascorbic Acid SABC				

[illegible]

Total	200.7 / 6010	200.8 / 6020;

8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U
Hg 1631 / 245.1 / 747

Hg 1631 / 245.1 / 7470 / 7471

Any significant test data, documents and/or equipment or samples constitutes a valid purchase order from client company to Eurofins Xenco. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	9/30/17	2 <i>[Signature]</i>	<i>[Signature]</i>	11/8/20
3			4		
5			6		



T

Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 10288

www.xenco.com Page 6 of 12

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address:	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Lowington, NM 88260	City, State ZIP	Midland TX 79702
Phone	575 393-3386	Email	arickard@cambridriamgmt.com and pm@hungry-horse.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name	ARU #16	Turn Around		ANALYSIS REQUEST										Preservative Codes			
Project Number		☒ Routine	☐ Rush	Pres. Code											None NO	DI Water H ₂ O	
Project Location		Due Date													Cool Cool	MeOH Me	
Sampler's Name:	Bradley Wells	TAT starts the day received by the lab if received by 4 30pm													HCL HC	HNO ₃ HN	
PO #:															H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT		Temp Blank	Yes ☐ No ☒	Wet Ice	Yes ☐ No ☒											H ₃ PO ₄ HP	
Samples Received Intact	Yes ☒ No ☐	Thermometer ID	148										NaHSO ₄ NABIS				
Cooler Custody Seals	Yes ☐ No ☒	Correction Factor	10										Na ₂ S ₂ O ₃ NaSO ₃				
Sample Custody Seals	Yes ☐ No ☒	Temperature Reading	27										Zn Acetate+NaOH Zn				
Total Containers		Corrected Temperature	28										NaOH+Ascorbic Acid SAPC				

[illegible]

Total	200.7 / 6010	200.8 / 6020:
8RCRA	13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
TCLP / SPLP 6010	8RCRA	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hq 1631 / 245 1 / 7470 / 7471

Notice. Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$36.00 will be applied to each project and a charge of \$3 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously memorized.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	1-17-19 4:49	2 <i>[Signature]</i>	<i>[Signature]</i>	1-18-22 11:13
3			4		
5			6		



EUROFINS
LABORATORY

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Chain of Custody

Work Order No: 10789

www.xenoco.com Page 7 of 12

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Lovington, NM 88260	City, State ZIP	Midland TX 79702
Phone	575 393-3386	Email	arickard@cambramgmt.com and pm@hungry-horse.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund
State of Project:	
Reporting Level II	☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV
Deliverables EDD	☐ ADAPT ☐ Other

Project Name	ARU #16	Turn Around	☒ Routine ☐ Rush	Pres. Code	
Project Number		Due Date			
Project Location	Bradley Wells	TAT starts the day received by the lab if received by 4:30pm			
Sample Name					
PO #					
SAMPLE RECEIPT		Temp Blank	Yes (No)	Wet Ice	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID			IRB
Cooler Custody Seals	Yes No	Correction Factor			10
Sample Custody Seals	Yes No	Temperature Reading			2.7
Total Containers		Corrected Temperature			2.2

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	CHLORIDE	BTEX	TPH	ANALYSIS REQUEST										PRESERVATIVE CODES												Sample Comments
FL61	Soil	1/14/22		2'	C	1	X	X	X												None NO	DI Water	H ₂ O									
FL62	Soil	1/14/22		2'	C	1	X	X	X												Cool Cool	MeOH	Me									
FL63	Soil	1/14/22		2'	C	1	X	X	X												HCL HC	HNO ₃	HN									
FL64	Soil	1/14/22		2'	C	1	X	X	X												H ₂ SO ₄ H ₂											
FL65	Soil	1/14/22		2'	C	1	X	X	X												H ₃ PO ₄ HP											
FL66	Soil	1/14/22		2'	C	1	X	X	X												NaHSO ₄ NABIS											
FL67	Soil	1/14/22		2'	C	1	X	X	X												Na ₂ S ₂ O ₃ NaSO ₃											
FL68	Soil	1/14/22		2'	C	1	X	X	X												Zn Acetate+NaOH	Zn										
FL69	Soil	1/14/22		2'	C	1	X	X	X												NaOH+Ascorbic Acid	SAPC										
FL70	Soil	1/14/22		2'	C	1	X	X	X																							

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1-17/981	<i>[Signature]</i>	<i>[Signature]</i>	1-18-22 11:13



THE
OF
CASE

3

10-11-1968

Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs NM (575) 392 7550 Carlsbad NM (575) 988-3199

Work Order No: 16289

www.xenco.com Page 8 of 12

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Lovington, NM 88260	City, State ZIP	Midland TX 79702
Phone	575 393-3386	Email	arickard@cambridmngmt.com and pm@hungry-horse.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADAPT ☐ Other ☐

Project Name	ARU #16	Turn Around		ANALYSIS REQUEST										Preservative Codes			
Project Number		☒ Routine	☐ Rush	Pres. Code												None NO	DI Water H ₂ O
Project Location		Due Date														Cool Cool	MeOH Me
Sampler's Name	Bradley Wells	TAT starts the day received by the lab if received by 4 30pm														HCL HC	HNO ₃ HN
PO #																H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT		Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐											H ₃ PO ₄ HP	
Samples Received Intact	Yes ☒ No ☐	Thermometer ID	1008										NaHSO ₄ NABIS				
Cooler Custody Seals	Yes ☐ No ☒	Correction Factor	1.0										Na ₂ S ₂ O ₃ NaSO ₃				
Sample Custody Seals	Yes ☐ No ☒	Temperature Reading	2.7										Zn Acetate+NaOH Zn				
Total Containers		Corrected Temperature	2.8										NaOH+Ascorbic Acid SAPC				

[illegible]

200.8 / 6020:

al(s) to be analyzed

TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U

Na Sr Ti Sn U V Zn
Hg 1631 / 245.1 / 747

Notice: signature or text documenting realignment of samples constitutes a valid purchase order from client company to Eurofins Xeno, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xeno will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xeno. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xeno, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	1-17 9:51	2 <i>[Signature]</i>	<i>[Signature]</i>	1-18-22 11:13
3			4		
5			6		

[illegible]

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 986-3199

Chain of Custody

Work Order No: 10280

www.xenco.com Page 9 of 12

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Lovington, NM 88260	City, State ZIP	Midland, TX 79702
Phone	575 393-3386	Email	arickard@cambridriannmt.com and pm@hungry-horse.com

Work Order Comments	
Program: UST/PST ☐ RRP ☐ Brownfields ☐ RCC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other:	

Project Name	ARU #16	Turn Around		ANALYSIS REQUEST										Preservative Codes			
Project Number		☒ Routine	☐ Rush	Pres. Code											None NO	DI Water H ₂ O	
Project Location		Due Date													Cool Cool	MeOH Me	
Sampler's Name	Bradley Wells	TAT starts the day received by the lab if received by 4:30pm													HCL, HC	HNO ₃ HN	
PO #:															H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT		Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐											H ₃ PO ₄ HP	
Samples Received Intact	Yes ☒ No ☐	Thermometer ID														NaHSO ₄ NABIS	
Cooler Custody Seals	Yes ☐ No ☒	Correction Factor														Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes ☐ No ☒	Temperature Reading														Zn Acetate+NaOH Zn	
Total Containers		Corrected Temperature														NaOH+Ascorbic Acid SAPC	
				Parameters													
				BORIDE													

[illegible]

	200.7 / 6010	200.8 / 6020:	
Total	200.7 / 6010	200.8 / 6020:	
Circle Method(s) and Metal(s) to be analyzed	8RCRA 13PPM	Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
	TCLP / SPLP 6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti II	Hg 1651 / 245 1 / 2470 / 2471

Notice: Signature or initials document are required for the reimbursement of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1. <i>[Signature]</i>	<i>[Signature]</i>	1-17-19-5:12	<i>[Signature]</i>	<i>[Signature]</i>	1-18-22 11:13
2		4			
3					
4					
5					



Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 10289

www.xenco.com Page 10 of 12

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Lovington, NM 88260	City, State ZIP	Midland TX 79702
Phone	575 393-3386	Email	arickard@cambranmgt.com and pm@hungry-horse.com

Work Order Comments	
Program: UST/PST	PRP
State of Project:	Brownfields
Reporting Level II	Level III
Deliverables EDD	ADAPT
Other	

Project Name	ARU #16	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number		☒ Routine ☐ Rush														None NO DI Water H ₂ O		
Project Location		Due Date														Cool Cool MeOH Me		
Sampler's Name	Bradley Wells	TAT starts the day received by the lab if received by 4:30pm														HCL HC HNO ₃ HN		
PO #																H ₂ SO ₄ H ₂ NaOH Na		
SAMPLE RECEIPT	Temp Blank	Yes (No)	Wet Ice	Yes (No)													H ₃ PO ₄ HP	
Samples Received Intact	Yes (No)	Thermometer ID															NaHSO ₄ NABIS	
Cooler Custody Seals	Yes (No)	Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes (No)	Temperature Reading															Zn Acetate+NaOH Zn	
Total Containers	Corrected Temperature																NaOH+Ascorbic Acid SAPC	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	CHLORIDE	BTEX	TPH													Sample Comments	
FL91	Soil	1/14/22		2'	C	1	X	X	X														
FL92	Soil	1/14/22		2'	C	1	X	X	X														
FL93	Soil	1/14/22		2'	C	1	X	X	X														
FL94	Soil	1/14/22		2'	C	1	X	X	X														
FL95	Soil	1/14/22		2'	C	1	X	X	X														
FL96	Soil	1/14/22		2'	C	1	X	X	X														
FL97	Soil	1/14/22		2'	C	1	X	X	X														
FL98	Soil	1/14/22		2'	C	1	X	X	X														
FL99	Soil	1/14/22		2'	C	1	X	X	X														
FL100	Soil	1/14/22		2'	C	1	X	X	X														

Total 200.7 / 6010 200.8 / 6020:

8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1/17/9:57	<i>[Signature]</i>	<i>[Signature]</i>	1-18-22 11:13



30

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3333
El Paso TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Chain of Custody

Work Order No: 10280

www.xenco.com Page 11 of 12

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Lovington, NM 88260	City, State ZIP	Midland TX 79702
Phone	575 393-3386	Email	arickard@cambranmgt.com and pm@hungry-horse.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RCC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADAPT ☐ Other _____

Project Name	ARU #16	Turn Around		ANALYSIS REQUEST										Preservative Codes		
Project Number		☒ Routine	☐ Rush	Pres. Code											None NO	DI Water H ₂ O
Project Location		Due Date													Cool Cool	MeOH Me
Sampler's Name	Bradley Wells	TAT starts the day received by the lab if received by 4 30pm													HCL HC	HNO ₃ HN
PO #															H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT															H ₃ PO ₄ HP	
Samples Received Intact	Temp Blank	(Yes) No	Yes (No) Wet Ice	Thermometer ID											NaHSO ₄ NABIS	
Cooler Custody Seals	Yes No	(N/A)	Correction Factor												Na ₂ S ₂ O ₃ NASO ₃	
Sample Custody Seals	Yes No	(N/A)	Temperature Reading												Zn Acetate+NaOH Zn	
Total Containers			Corrected Temperature.												NaOH+Ascorbic Acid SAPC	

[illegible]

Total	200.7 / 6010	200.8 / 6020:

Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010	8RCRA	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Ti	U	Hq
																			1631 / 245.1 / 7470 / 7447

produce significant in vivo documentation. Every shipment of samples constitutes a valid purchase order from client company to Eurofins Xeno, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xeno will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xeno. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xeno, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>B. M. M. M.</i>	<i>W. M. M.</i>	1-17 9:52	2 <i>W. M. M.</i>	<i>W. M. M.</i>	1-18 22 11:13
3			4		
5			6		



Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 10289

www.xenoco.com Page 12 of 12

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Lovington NM 88260	City, State ZIP	Midland TX 79702
Phone	575 393-3386	Email	arekard@cambranmgt.com and pm@hungry-horse.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund
State of Project:	
Reporting Level II	☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV
Deliverables EDD	☐ ADAPT ☐ Other

Project Name	ARU #16	Turn Around	☒ Routine ☐ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number		Due Date													None NO	DI Water H ₂ O		
Project Location	Bradley Wells	TAT starts the day received by the lab if received by 4:30pm													Cool Cool	MeOH Me		
Sampler's Name															HCL, HC	HNO ₃ HN		
PO #															H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT	Temp Blank	Yes	No	Wet Ice	Yes	No											H ₃ PO ₄ HP	
Samples Received Intact:	Yes	No	Thermometer ID	Yes	No	IFP											NaHSO ₄ NABIS	
Cooler Custody Seals	Yes	No	Correction Factor	Yes	No	1.10											Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes	No	Temperature Reading	Yes	No	27											Zn Acetate+NaOH Zn	
Total Containers:			Corrected Temperature	Yes	No	28											NaOH+Ascorbic Acid SABC	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	CHLORIDE	BTEX	TPH											Sample Comments
FL111	Soil	1/14/22		2'	C	1	X	X	X											
FL112	Soil	1/14/22		2'	C	1	X	X	X											
FL113	Soil	1/14/22		2'	C	1	X	X	X											
FL114	Soil	1/14/22		2'	C	1	X	X	X											
FL115	Soil	1/14/22		2'	C	1	X	X	X											
FL116	Soil	1/14/22		2'	C	1	X	X	X											
FL117	Soil	1/14/22		2'	C	1	X	X	X											

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1-17/19:52	<i>[Signature]</i>	<i>[Signature]</i>	1-18-22 11.13

Login Sample Receipt Checklist

Client: Hungry Horse LLC

Job Number: 880-10289-1

Login Number: 10289

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-10291-1

Client Project/Site: ARU #16

For:

Hungry Horse LLC
PO BOX 1058
Hobbs, New Mexico 88241

Attn: Lindsey Nevels

A handwritten signature in black ink that reads "Holly Taylor".

Authorized for release by:
1/26/2022 5:38:28 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Hungry Horse LLC
Project/Site: ARU #16

Laboratory Job ID: 880-10291-1

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	6
Surrogate Summary	51
QC Sample Results	55
QC Association Summary	72
Lab Chronicle	86
Certification Summary	103
Method Summary	104
Sample Summary	105
Chain of Custody	107
Receipt Checklists	113

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Midland

Case Narrative

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Job ID: 880-10291-1**Laboratory: Eurofins Midland****Narrative**
Job Narrative
880-10291-1
Comments

No additional comments.

Receipt

The samples were received on 1/18/2022 11:13 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8° C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-17112 and analytical batch 880-17208 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-17112/5-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Internal standard responses were outside of acceptance limits for the following samples: SW1 (880-10291-1), SW2 (880-10291-2), SW3 (880-10291-3), SW4 (880-10291-4), SW5 (880-10291-5), SW6 (880-10291-6), SW7 (880-10291-7), SW8 (880-10291-8), SW9 (880-10291-9), SW10 (880-10291-10), SW11 (880-10291-11), SW12 (880-10291-12), SW13 (880-10291-13), SW14 (880-10291-14), SW15 (880-10291-15), SW16 (880-10291-16), SW17 (880-10291-17), SW18 (880-10291-18), SW19 (880-10291-19), SW20 (880-10291-20), (880-10291-A-1-A MS) and (880-10291-A-1-B MSD). The sample(s) shows evidence of matrix interference.

Method 8021B: Internal standard responses were outside of acceptance limits for the following samples: SW51 (880-10291-51), SW52 (880-10291-52), SW53 (880-10291-53), SW54 (880-10291-54), SW55 (880-10291-55), SW56 (880-10291-56), (880-10289-A-101-C), (880-10289-A-101-A MS) and (880-10289-A-101-B MSD). The sample(s) shows evidence of matrix interference.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: SW41 (880-10291-41), SW42 (880-10291-42), SW43 (880-10291-43), SW44 (880-10291-44), SW45 (880-10291-45), SW46 (880-10291-46), SW47 (880-10291-47), SW49 (880-10291-49), SW50 (880-10291-50), SW51 (880-10291-51), SW52 (880-10291-52), SW53 (880-10291-53), (880-10291-A-41-E MS) and (880-10291-A-41-F MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-17164 and analytical batch 880-17211 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28)

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: SW21 (880-10291-21), SW23 (880-10291-23), SW24 (880-10291-24), SW25 (880-10291-25), SW26 (880-10291-26), SW27 (880-10291-27), SW28 (880-10291-28), SW29 (880-10291-29), SW30 (880-10291-30), SW31 (880-10291-31), SW32 (880-10291-32), SW33 (880-10291-33), SW34 (880-10291-34), SW35 (880-10291-35), SW37 (880-10291-37), SW38 (880-10291-38), SW39 (880-10291-39), (MB 880-17164/1-A), (880-10291-A-21-H MS) and (880-10291-A-21-I MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-17216 and analytical batch 880-17328 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28) and Gasoline Range Organics (GRO)-C6-C10

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (MB 880-17216/1-A), (880-10289-A-101-F MS) and (880-10289-A-101-G MSD). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Case Narrative

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Job ID: 880-10291-1 (Continued)**Laboratory: Eurofins Midland (Continued)****General Chemistry**

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-17138 and analytical batch 880-17321 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-17256 and 880-17256 and analytical batch 880-17344 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-17144 and 880-17144 and analytical batch 880-17409 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-17143 and analytical batch 880-17410 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW1

Lab Sample ID: 880-10291-1

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F1 F2	0.00198	mg/Kg	-	01/18/22 09:29	01/19/22 22:56	1
Toluene	<0.00198	U F1 F2	0.00198	mg/Kg	-	01/18/22 09:29	01/19/22 22:56	1
Ethylbenzene	<0.00198	U F1 F2	0.00198	mg/Kg	-	01/18/22 09:29	01/19/22 22:56	1
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.00396	mg/Kg	-	01/18/22 09:29	01/19/22 22:56	1
o-Xylene	<0.00198	U F1 F2	0.00198	mg/Kg	-	01/18/22 09:29	01/19/22 22:56	1
Xylenes, Total	<0.00396	U F1 F2	0.00396	mg/Kg	-	01/18/22 09:29	01/19/22 22:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/18/22 09:29	01/19/22 22:56	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/18/22 09:29	01/19/22 22:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg	-		01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg	-		01/24/22 16:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg	-	01/18/22 13:23	01/18/22 21:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg	-	01/18/22 13:23	01/18/22 21:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg	-	01/18/22 13:23	01/18/22 21:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	01/18/22 13:23	01/18/22 21:05	1
o-Terphenyl	90		70 - 130	01/18/22 13:23	01/18/22 21:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	244	F1	5.00	mg/Kg	-		01/20/22 21:07	1

Client Sample ID: SW2

Lab Sample ID: 880-10291-2

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg	-	01/18/22 09:29	01/19/22 23:16	1
Toluene	<0.00199	U	0.00199	mg/Kg	-	01/18/22 09:29	01/19/22 23:16	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg	-	01/18/22 09:29	01/19/22 23:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg	-	01/18/22 09:29	01/19/22 23:16	1
o-Xylene	<0.00199	U	0.00199	mg/Kg	-	01/18/22 09:29	01/19/22 23:16	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg	-	01/18/22 09:29	01/19/22 23:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	01/18/22 09:29	01/19/22 23:16	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW2

Lab Sample ID: 880-10291-2

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	97		70 - 130	01/18/22 09:29	01/19/22 23:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/18/22 22:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/18/22 22:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/18/22 22:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130			01/18/22 13:23	01/18/22 22:08	1
o-Terphenyl	85		70 - 130			01/18/22 13:23	01/18/22 22:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.9		4.98	mg/Kg			01/20/22 21:30	1

Client Sample ID: SW3

Lab Sample ID: 880-10291-3

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/19/22 23:37	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/19/22 23:37	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/19/22 23:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:29	01/19/22 23:37	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/19/22 23:37	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:29	01/19/22 23:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	01/18/22 09:29	01/19/22 23:37	1
1,4-Difluorobenzene (Surr)	109		70 - 130	01/18/22 09:29	01/19/22 23:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:33	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW3

Lab Sample ID: 880-10291-3

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/18/22 22:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/18/22 22:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/18/22 22:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130			01/18/22 13:23	01/18/22 22:29	1
o-Terphenyl	91		70 - 130			01/18/22 13:23	01/18/22 22:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.7		4.95	mg/Kg			01/20/22 21:37	1

Client Sample ID: SW4

Lab Sample ID: 880-10291-4

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:29	01/19/22 23:57	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:29	01/19/22 23:57	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:29	01/19/22 23:57	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/18/22 09:29	01/19/22 23:57	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:29	01/19/22 23:57	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/18/22 09:29	01/19/22 23:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130			01/18/22 09:29	01/19/22 23:57	1
1,4-Difluorobenzene (Surr)	88		70 - 130			01/18/22 09:29	01/19/22 23:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/18/22 22:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/18/22 22:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/18/22 22:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130			01/18/22 13:23	01/18/22 22:50	1
o-Terphenyl	86		70 - 130			01/18/22 13:23	01/18/22 22:50	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW4

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 1'

Lab Sample ID: 880-10291-4

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.4		5.04	mg/Kg			01/20/22 21:45	1

Client Sample ID: SW5

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 1'

Lab Sample ID: 880-10291-5

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 00:17	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 00:17	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 00:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:29	01/20/22 00:17	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 00:17	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:29	01/20/22 00:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130			01/18/22 09:29	01/20/22 00:17	1
1,4-Difluorobenzene (Surr)	88		70 - 130			01/18/22 09:29	01/20/22 00:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/18/22 23:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/18/22 23:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/18/22 23:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			01/18/22 13:23	01/18/22 23:12	1
o-Terphenyl	99		70 - 130			01/18/22 13:23	01/18/22 23:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.0		4.99	mg/Kg			01/20/22 21:52	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW6

Lab Sample ID: 880-10291-6

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 00:38	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 00:38	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 00:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:29	01/20/22 00:38	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 00:38	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:29	01/20/22 00:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	01/18/22 09:29	01/20/22 00:38	1
1,4-Difluorobenzene (Surr)	165	S1+	70 - 130	01/18/22 09:29	01/20/22 00:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/18/22 23:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/18/22 23:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/18/22 23:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	01/18/22 13:23	01/18/22 23:33	1
o-Terphenyl	98		70 - 130	01/18/22 13:23	01/18/22 23:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.8		5.00	mg/Kg			01/20/22 22:15	1

Client Sample ID: SW7

Lab Sample ID: 880-10291-7

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 00:58	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 00:58	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 00:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/18/22 09:29	01/20/22 00:58	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 00:58	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/18/22 09:29	01/20/22 00:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	01/18/22 09:29	01/20/22 00:58	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW7

Lab Sample ID: 880-10291-7

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	96		70 - 130	01/18/22 09:29	01/20/22 00:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/18/22 23:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/18/22 23:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/18/22 23:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			01/18/22 13:23	01/18/22 23:55	1
o-Terphenyl	93		70 - 130			01/18/22 13:23	01/18/22 23:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.4		4.97	mg/Kg			01/20/22 22:23	1

Client Sample ID: SW8

Lab Sample ID: 880-10291-8

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:29	01/20/22 01:19	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:29	01/20/22 01:19	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:29	01/20/22 01:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/18/22 09:29	01/20/22 01:19	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:29	01/20/22 01:19	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/18/22 09:29	01/20/22 01:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/18/22 09:29	01/20/22 01:19	1
1,4-Difluorobenzene (Surr)	109		70 - 130	01/18/22 09:29	01/20/22 01:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:43	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW8

Lab Sample ID: 880-10291-8

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/19/22 00:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/19/22 00:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/19/22 00:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130			01/18/22 13:23	01/19/22 00:16	1
o-Terphenyl	73		70 - 130			01/18/22 13:23	01/19/22 00:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.5		5.00	mg/Kg			01/20/22 22:30	1

Client Sample ID: SW9

Lab Sample ID: 880-10291-9

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 01:39	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 01:39	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 01:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:29	01/20/22 01:39	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 01:39	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:29	01/20/22 01:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			01/18/22 09:29	01/20/22 01:39	1
1,4-Difluorobenzene (Surr)	87		70 - 130			01/18/22 09:29	01/20/22 01:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/19/22 00:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/19/22 00:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/19/22 00:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130			01/18/22 13:23	01/19/22 00:38	1
o-Terphenyl	77		70 - 130			01/18/22 13:23	01/19/22 00:38	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW9

Lab Sample ID: 880-10291-9

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.4		4.96	mg/Kg			01/20/22 22:38	1

Client Sample ID: SW10

Lab Sample ID: 880-10291-10

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 01:59	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 01:59	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 01:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:29	01/20/22 01:59	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 01:59	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:29	01/20/22 01:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			01/18/22 09:29	01/20/22 01:59	1
1,4-Difluorobenzene (Surr)	90		70 - 130			01/18/22 09:29	01/20/22 01:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 00:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 00:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 00:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130			01/18/22 13:23	01/19/22 00:59	1
o-Terphenyl	85		70 - 130			01/18/22 13:23	01/19/22 00:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.3		4.95	mg/Kg			01/20/22 22:45	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW11

Lab Sample ID: 880-10291-11

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg	-	01/18/22 09:29	01/20/22 03:49	1
Toluene	<0.00201	U	0.00201	mg/Kg	-	01/18/22 09:29	01/20/22 03:49	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg	-	01/18/22 09:29	01/20/22 03:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg	-	01/18/22 09:29	01/20/22 03:49	1
o-Xylene	<0.00201	U	0.00201	mg/Kg	-	01/18/22 09:29	01/20/22 03:49	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg	-	01/18/22 09:29	01/20/22 03:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	01/18/22 09:29	01/20/22 03:49	1
1,4-Difluorobenzene (Surr)	119		70 - 130	01/18/22 09:29	01/20/22 03:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg	-		01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg	-		01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg	-	01/18/22 13:23	01/19/22 01:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg	-	01/18/22 13:23	01/19/22 01:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg	-	01/18/22 13:23	01/19/22 01:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	01/18/22 13:23	01/19/22 01:42	1
o-Terphenyl	83		70 - 130	01/18/22 13:23	01/19/22 01:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.8		5.03	mg/Kg	-		01/20/22 22:53	1

Client Sample ID: SW12

Lab Sample ID: 880-10291-12

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg	-	01/18/22 09:29	01/20/22 04:10	1
Toluene	<0.00200	U	0.00200	mg/Kg	-	01/18/22 09:29	01/20/22 04:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg	-	01/18/22 09:29	01/20/22 04:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg	-	01/18/22 09:29	01/20/22 04:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg	-	01/18/22 09:29	01/20/22 04:10	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg	-	01/18/22 09:29	01/20/22 04:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	01/18/22 09:29	01/20/22 04:10	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW12

Lab Sample ID: 880-10291-12

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	01/18/22 09:29	01/20/22 04:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/19/22 02:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/19/22 02:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/19/22 02:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130			01/18/22 13:23	01/19/22 02:04	1
o-Terphenyl	80		70 - 130			01/18/22 13:23	01/19/22 02:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.5		4.99	mg/Kg			01/20/22 23:15	1

Client Sample ID: SW13

Lab Sample ID: 880-10291-13

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 04:30	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 04:30	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 04:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 09:29	01/20/22 04:30	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 04:30	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 09:29	01/20/22 04:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	01/18/22 09:29	01/20/22 04:30	1
1,4-Difluorobenzene (Surr)	115		70 - 130	01/18/22 09:29	01/20/22 04:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:43	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW13

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 1'

Lab Sample ID: 880-10291-13

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 02:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 02:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 02:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130			01/18/22 13:23	01/19/22 02:25	1
o-Terphenyl	101		70 - 130			01/18/22 13:23	01/19/22 02:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.4		5.00	mg/Kg			01/20/22 23:23	1

Client Sample ID: SW14

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 1'

Lab Sample ID: 880-10291-14

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:29	01/20/22 04:51	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:29	01/20/22 04:51	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:29	01/20/22 04:51	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/18/22 09:29	01/20/22 04:51	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:29	01/20/22 04:51	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/18/22 09:29	01/20/22 04:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130			01/18/22 09:29	01/20/22 04:51	1
1,4-Difluorobenzene (Surr)	101		70 - 130			01/18/22 09:29	01/20/22 04:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/19/22 02:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/19/22 02:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/19/22 02:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130			01/18/22 13:23	01/19/22 02:46	1
o-Terphenyl	87		70 - 130			01/18/22 13:23	01/19/22 02:46	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW14

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 1'

Lab Sample ID: 880-10291-14

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95	mg/Kg			01/20/22 23:46	1

Client Sample ID: SW15

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 1'

Lab Sample ID: 880-10291-15

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 05:11	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 05:11	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 05:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:29	01/20/22 05:11	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 05:11	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:29	01/20/22 05:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130			01/18/22 09:29	01/20/22 05:11	1
1,4-Difluorobenzene (Surr)	148	S1+	70 - 130			01/18/22 09:29	01/20/22 05:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 03:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 03:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 03:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130			01/18/22 13:23	01/19/22 03:08	1
o-Terphenyl	81		70 - 130			01/18/22 13:23	01/19/22 03:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.97		5.00	mg/Kg			01/20/22 23:53	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW16

Lab Sample ID: 880-10291-16

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:29	01/20/22 05:32	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:29	01/20/22 05:32	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:29	01/20/22 05:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/18/22 09:29	01/20/22 05:32	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:29	01/20/22 05:32	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/18/22 09:29	01/20/22 05:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/18/22 09:29	01/20/22 05:32	1
1,4-Difluorobenzene (Surr)	91		70 - 130	01/18/22 09:29	01/20/22 05:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 03:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 03:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 03:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	01/18/22 13:23	01/19/22 03:30	1
o-Terphenyl	81		70 - 130	01/18/22 13:23	01/19/22 03:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8		5.00	mg/Kg			01/21/22 00:01	1

Client Sample ID: SW17

Lab Sample ID: 880-10291-17

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 05:52	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 05:52	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 05:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:29	01/20/22 05:52	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 05:52	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:29	01/20/22 05:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	01/18/22 09:29	01/20/22 05:52	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW17

Lab Sample ID: 880-10291-17

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	74		70 - 130	01/18/22 09:29	01/20/22 05:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		01/18/22 13:23	01/19/22 03:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/18/22 13:23	01/19/22 03:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/18/22 13:23	01/19/22 03:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130			01/18/22 13:23	01/19/22 03:51	1
o-Terphenyl	99		70 - 130			01/18/22 13:23	01/19/22 03:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.5		4.95	mg/Kg			01/21/22 00:08	1

Client Sample ID: SW18

Lab Sample ID: 880-10291-18

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 06:12	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 06:12	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 06:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:29	01/20/22 06:12	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/20/22 06:12	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:29	01/20/22 06:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	01/18/22 09:29	01/20/22 06:12	1
1,4-Difluorobenzene (Surr)	77		70 - 130	01/18/22 09:29	01/20/22 06:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:43	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW18

Lab Sample ID: 880-10291-18

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 04:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 04:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 04:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130			01/18/22 13:23	01/19/22 04:12	1
o-Terphenyl	84		70 - 130			01/18/22 13:23	01/19/22 04:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		5.00	mg/Kg			01/21/22 00:16	1

Client Sample ID: SW19

Lab Sample ID: 880-10291-19

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:29	01/20/22 06:33	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:29	01/20/22 06:33	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:29	01/20/22 06:33	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/18/22 09:29	01/20/22 06:33	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:29	01/20/22 06:33	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/18/22 09:29	01/20/22 06:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			01/18/22 09:29	01/20/22 06:33	1
1,4-Difluorobenzene (Surr)	117		70 - 130			01/18/22 09:29	01/20/22 06:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 04:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 04:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/19/22 04:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130			01/18/22 13:23	01/19/22 04:34	1
o-Terphenyl	100		70 - 130			01/18/22 13:23	01/19/22 04:34	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW19

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 1'

Lab Sample ID: 880-10291-19

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		4.97	mg/Kg			01/21/22 00:23	1

Client Sample ID: SW20

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 1'

Lab Sample ID: 880-10291-20

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 06:53	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 06:53	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 06:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:29	01/20/22 06:53	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:29	01/20/22 06:53	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:29	01/20/22 06:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			01/18/22 09:29	01/20/22 06:53	1
1,4-Difluorobenzene (Surr)	122		70 - 130			01/18/22 09:29	01/20/22 06:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/19/22 04:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/19/22 04:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:23	01/19/22 04:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130			01/18/22 13:23	01/19/22 04:55	1
o-Terphenyl	79		70 - 130			01/18/22 13:23	01/19/22 04:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.8		4.96	mg/Kg			01/21/22 00:31	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW21

Lab Sample ID: 880-10291-21

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F2 F1	0.00199	mg/Kg		01/18/22 09:31	01/20/22 01:39	1
Toluene	<0.00199	U F2 F1	0.00199	mg/Kg		01/18/22 09:31	01/20/22 01:39	1
Ethylbenzene	<0.00199	U F2 F1	0.00199	mg/Kg		01/18/22 09:31	01/20/22 01:39	1
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.00398	mg/Kg		01/18/22 09:31	01/20/22 01:39	1
o-Xylene	<0.00199	U F1	0.00199	mg/Kg		01/18/22 09:31	01/20/22 01:39	1
Xylenes, Total	<0.00398	U F2 F1	0.00398	mg/Kg		01/18/22 09:31	01/20/22 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	01/18/22 09:31	01/20/22 01:39	1
1,4-Difluorobenzene (Surr)	72		70 - 130	01/18/22 09:31	01/20/22 01:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 15:29	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/19/22 20:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/18/22 13:26	01/19/22 20:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/19/22 20:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130	01/18/22 13:26	01/19/22 20:48	1
o-Terphenyl	68	S1-	70 - 130	01/18/22 13:26	01/19/22 20:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.9		4.95	mg/Kg			01/20/22 17:38	1

Client Sample ID: SW22

Lab Sample ID: 880-10291-22

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:31	01/20/22 02:06	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:31	01/20/22 02:06	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:31	01/20/22 02:06	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		01/18/22 09:31	01/20/22 02:06	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:31	01/20/22 02:06	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		01/18/22 09:31	01/20/22 02:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	01/18/22 09:31	01/20/22 02:06	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW22

Lab Sample ID: 880-10291-22

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	98		70 - 130	01/18/22 09:31	01/20/22 02:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 15:29	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/19/22 21:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		01/18/22 13:26	01/19/22 21:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/19/22 21:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130			01/18/22 13:26	01/19/22 21:51	1
o-Terphenyl	75		70 - 130			01/18/22 13:26	01/19/22 21:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	154		5.04	mg/Kg			01/20/22 18:13	1

Client Sample ID: SW23

Lab Sample ID: 880-10291-23

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:31	01/20/22 02:32	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:31	01/20/22 02:32	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:31	01/20/22 02:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:31	01/20/22 02:32	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:31	01/20/22 02:32	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:31	01/20/22 02:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	01/18/22 09:31	01/20/22 02:32	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/18/22 09:31	01/20/22 02:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 15:29	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW23

Lab Sample ID: 880-10291-23

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/19/22 22:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/18/22 13:26	01/19/22 22:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/19/22 22:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	59	S1-	70 - 130			01/18/22 13:26	01/19/22 22:12	1
o-Terphenyl	57	S1-	70 - 130			01/18/22 13:26	01/19/22 22:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.4		4.99	mg/Kg			01/20/22 18:25	1

Client Sample ID: SW24

Lab Sample ID: 880-10291-24

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:31	01/20/22 02:58	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:31	01/20/22 02:58	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:31	01/20/22 02:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/18/22 09:31	01/20/22 02:58	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:31	01/20/22 02:58	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/18/22 09:31	01/20/22 02:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			01/18/22 09:31	01/20/22 02:58	1
1,4-Difluorobenzene (Surr)	108		70 - 130			01/18/22 09:31	01/20/22 02:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 15:29	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/19/22 22:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/18/22 13:26	01/19/22 22:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/19/22 22:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	61	S1-	70 - 130			01/18/22 13:26	01/19/22 22:34	1
o-Terphenyl	57	S1-	70 - 130			01/18/22 13:26	01/19/22 22:34	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW24

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 1'

Lab Sample ID: 880-10291-24

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.8		5.00	mg/Kg			01/20/22 18:37	1

Client Sample ID: SW25

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 1'

Lab Sample ID: 880-10291-25

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:31	01/20/22 03:25	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:31	01/20/22 03:25	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:31	01/20/22 03:25	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		01/18/22 09:31	01/20/22 03:25	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:31	01/20/22 03:25	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/18/22 09:31	01/20/22 03:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			01/18/22 09:31	01/20/22 03:25	1
1,4-Difluorobenzene (Surr)	104		70 - 130			01/18/22 09:31	01/20/22 03:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 15:29	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/19/22 22:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		01/18/22 13:26	01/19/22 22:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/19/22 22:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	55	S1-	70 - 130			01/18/22 13:26	01/19/22 22:56	1
o-Terphenyl	50	S1-	70 - 130			01/18/22 13:26	01/19/22 22:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.6		4.97	mg/Kg			01/20/22 18:49	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW26

Lab Sample ID: 880-10291-26

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:31	01/20/22 03:51	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:31	01/20/22 03:51	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:31	01/20/22 03:51	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/18/22 09:31	01/20/22 03:51	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/18/22 09:31	01/20/22 03:51	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/18/22 09:31	01/20/22 03:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	01/18/22 09:31	01/20/22 03:51	1
1,4-Difluorobenzene (Surr)	82		70 - 130	01/18/22 09:31	01/20/22 03:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 15:29	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/19/22 23:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		01/18/22 13:26	01/19/22 23:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/19/22 23:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130	01/18/22 13:26	01/19/22 23:15	1
o-Terphenyl	62	S1-	70 - 130	01/18/22 13:26	01/19/22 23:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.6		4.96	mg/Kg			01/20/22 19:25	1

Client Sample ID: SW27

Lab Sample ID: 880-10291-27

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:31	01/20/22 04:18	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:31	01/20/22 04:18	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:31	01/20/22 04:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:31	01/20/22 04:18	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:31	01/20/22 04:18	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:31	01/20/22 04:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	01/18/22 09:31	01/20/22 04:18	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW27

Lab Sample ID: 880-10291-27

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	86		70 - 130	01/18/22 09:31	01/20/22 04:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 15:29	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/19/22 23:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/18/22 13:26	01/19/22 23:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/19/22 23:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130			01/18/22 13:26	01/19/22 23:36	1
o-Terphenyl	62	S1-	70 - 130			01/18/22 13:26	01/19/22 23:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.7		5.00	mg/Kg			01/20/22 19:36	1

Client Sample ID: SW28

Lab Sample ID: 880-10291-28

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:31	01/20/22 04:44	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:31	01/20/22 04:44	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:31	01/20/22 04:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:31	01/20/22 04:44	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:31	01/20/22 04:44	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:31	01/20/22 04:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/18/22 09:31	01/20/22 04:44	1
1,4-Difluorobenzene (Surr)	114		70 - 130	01/18/22 09:31	01/20/22 04:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 15:29	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW28

Lab Sample ID: 880-10291-28

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/19/22 23:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		01/18/22 13:26	01/19/22 23:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/19/22 23:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130			01/18/22 13:26	01/19/22 23:56	1
o-Terphenyl	65	S1-	70 - 130			01/18/22 13:26	01/19/22 23:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.3		4.98	mg/Kg			01/20/22 19:48	1

Client Sample ID: SW29

Lab Sample ID: 880-10291-29

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00319		0.00199	mg/Kg		01/18/22 09:31	01/20/22 05:11	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:31	01/20/22 05:11	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:31	01/20/22 05:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:31	01/20/22 05:11	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:31	01/20/22 05:11	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:31	01/20/22 05:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130			01/18/22 09:31	01/20/22 05:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130			01/18/22 09:31	01/20/22 05:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 15:29	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/20/22 00:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		01/18/22 13:26	01/20/22 00:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/20/22 00:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130			01/18/22 13:26	01/20/22 00:16	1
o-Terphenyl	64	S1-	70 - 130			01/18/22 13:26	01/20/22 00:16	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW29

Lab Sample ID: 880-10291-29

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.4		4.97	mg/Kg			01/20/22 20:00	1

Client Sample ID: SW30

Lab Sample ID: 880-10291-30

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:31	01/20/22 05:37	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:31	01/20/22 05:37	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:31	01/20/22 05:37	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/18/22 09:31	01/20/22 05:37	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:31	01/20/22 05:37	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/18/22 09:31	01/20/22 05:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130			01/18/22 09:31	01/20/22 05:37	1
1,4-Difluorobenzene (Surr)	106		70 - 130			01/18/22 09:31	01/20/22 05:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/20/22 15:46	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 15:29	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/20/22 00:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/18/22 13:26	01/20/22 00:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/20/22 00:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130			01/18/22 13:26	01/20/22 00:37	1
o-Terphenyl	62	S1-	70 - 130			01/18/22 13:26	01/20/22 00:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	212		5.00	mg/Kg			01/20/22 20:12	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW31

Lab Sample ID: 880-10291-31

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/21/22 16:00	01/21/22 20:39	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/21/22 16:00	01/21/22 20:39	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/21/22 16:00	01/21/22 20:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/21/22 16:00	01/21/22 20:39	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/21/22 16:00	01/21/22 20:39	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/21/22 16:00	01/21/22 20:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	01/21/22 16:00	01/21/22 20:39	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/21/22 16:00	01/21/22 20:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 15:29	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/20/22 01:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/18/22 13:26	01/20/22 01:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/20/22 01:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130	01/18/22 13:26	01/20/22 01:18	1
o-Terphenyl	69	S1-	70 - 130	01/18/22 13:26	01/20/22 01:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103	F1	4.95	mg/Kg			01/20/22 20:24	1

Client Sample ID: SW32

Lab Sample ID: 880-10291-32

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/21/22 16:00	01/21/22 21:00	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/21/22 16:00	01/21/22 21:00	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/21/22 16:00	01/21/22 21:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/21/22 16:00	01/21/22 21:00	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/21/22 16:00	01/21/22 21:00	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/21/22 16:00	01/21/22 21:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	01/21/22 16:00	01/21/22 21:00	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW32

Lab Sample ID: 880-10291-32

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	95		70 - 130	01/21/22 16:00	01/21/22 21:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 15:29	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/20/22 01:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/18/22 13:26	01/20/22 01:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/20/22 01:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130			01/18/22 13:26	01/20/22 01:39	1
o-Terphenyl	71		70 - 130			01/18/22 13:26	01/20/22 01:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		5.01	mg/Kg			01/20/22 20:59	1

Client Sample ID: SW33

Lab Sample ID: 880-10291-33

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/21/22 16:00	01/21/22 21:21	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/21/22 16:00	01/21/22 21:21	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/21/22 16:00	01/21/22 21:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/21/22 16:00	01/21/22 21:21	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/21/22 16:00	01/21/22 21:21	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/21/22 16:00	01/21/22 21:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/21/22 16:00	01/21/22 21:21	1
1,4-Difluorobenzene (Surr)	76		70 - 130	01/21/22 16:00	01/21/22 21:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 15:29	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW33

Lab Sample ID: 880-10291-33

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/20/22 01:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		01/18/22 13:26	01/20/22 01:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/20/22 01:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130			01/18/22 13:26	01/20/22 01:59	1
o-Terphenyl	68	S1-	70 - 130			01/18/22 13:26	01/20/22 01:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.6		4.97	mg/Kg			01/20/22 21:11	1

Client Sample ID: SW34

Lab Sample ID: 880-10291-34

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/21/22 16:00	01/21/22 21:42	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/21/22 16:00	01/21/22 21:42	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/21/22 16:00	01/21/22 21:42	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		01/21/22 16:00	01/21/22 21:42	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/21/22 16:00	01/21/22 21:42	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		01/21/22 16:00	01/21/22 21:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			01/21/22 16:00	01/21/22 21:42	1
1,4-Difluorobenzene (Surr)	84		70 - 130			01/21/22 16:00	01/21/22 21:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 15:29	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/20/22 02:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/18/22 13:26	01/20/22 02:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/20/22 02:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130			01/18/22 13:26	01/20/22 02:20	1
o-Terphenyl	68	S1-	70 - 130			01/18/22 13:26	01/20/22 02:20	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW34

Lab Sample ID: 880-10291-34

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.7		4.96	mg/Kg			01/20/22 21:47	1

Client Sample ID: SW35

Lab Sample ID: 880-10291-35

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/21/22 16:00	01/21/22 22:03	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/21/22 16:00	01/21/22 22:03	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/21/22 16:00	01/21/22 22:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/21/22 16:00	01/21/22 22:03	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/21/22 16:00	01/21/22 22:03	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/21/22 16:00	01/21/22 22:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130			01/21/22 16:00	01/21/22 22:03	1
1,4-Difluorobenzene (Surr)	90		70 - 130			01/21/22 16:00	01/21/22 22:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 15:29	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/20/22 02:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		01/18/22 13:26	01/20/22 02:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/20/22 02:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			01/18/22 13:26	01/20/22 02:41	1
o-Terphenyl	72		70 - 130			01/18/22 13:26	01/20/22 02:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/20/22 21:59	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW36

Lab Sample ID: 880-10291-36

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/21/22 16:00	01/21/22 22:23	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/21/22 16:00	01/21/22 22:23	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/21/22 16:00	01/21/22 22:23	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		01/21/22 16:00	01/21/22 22:23	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/21/22 16:00	01/21/22 22:23	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/21/22 16:00	01/21/22 22:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/21/22 16:00	01/21/22 22:23	1
1,4-Difluorobenzene (Surr)	118		70 - 130	01/21/22 16:00	01/21/22 22:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 15:29	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/20/22 03:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/18/22 13:26	01/20/22 03:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/20/22 03:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130	01/18/22 13:26	01/20/22 03:01	1
o-Terphenyl	70		70 - 130	01/18/22 13:26	01/20/22 03:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/20/22 22:10	1

Client Sample ID: SW37

Lab Sample ID: 880-10291-37

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/21/22 16:00	01/21/22 22:44	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/21/22 16:00	01/21/22 22:44	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/21/22 16:00	01/21/22 22:44	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/21/22 16:00	01/21/22 22:44	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/21/22 16:00	01/21/22 22:44	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/21/22 16:00	01/21/22 22:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	01/21/22 16:00	01/21/22 22:44	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW37

Lab Sample ID: 880-10291-37

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	110		70 - 130	01/21/22 16:00	01/21/22 22:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 15:29	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/20/22 03:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		01/18/22 13:26	01/20/22 03:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/20/22 03:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			01/18/22 13:26	01/20/22 03:22	1
o-Terphenyl	70		70 - 130			01/18/22 13:26	01/20/22 03:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95	mg/Kg			01/20/22 22:22	1

Client Sample ID: SW38

Lab Sample ID: 880-10291-38

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/21/22 16:00	01/21/22 23:05	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/21/22 16:00	01/21/22 23:05	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/21/22 16:00	01/21/22 23:05	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/21/22 16:00	01/21/22 23:05	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/21/22 16:00	01/21/22 23:05	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/21/22 16:00	01/21/22 23:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/21/22 16:00	01/21/22 23:05	1
1,4-Difluorobenzene (Surr)	76		70 - 130	01/21/22 16:00	01/21/22 23:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 15:29	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW38

Lab Sample ID: 880-10291-38

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/20/22 03:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/18/22 13:26	01/20/22 03:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/20/22 03:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130			01/18/22 13:26	01/20/22 03:42	1
o-Terphenyl	68	S1-	70 - 130			01/18/22 13:26	01/20/22 03:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04	mg/Kg			01/20/22 22:34	1

Client Sample ID: SW39

Lab Sample ID: 880-10291-39

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/21/22 16:00	01/21/22 23:26	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/21/22 16:00	01/21/22 23:26	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/21/22 16:00	01/21/22 23:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/21/22 16:00	01/21/22 23:26	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/21/22 16:00	01/21/22 23:26	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/21/22 16:00	01/21/22 23:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130			01/21/22 16:00	01/21/22 23:26	1
1,4-Difluorobenzene (Surr)	129		70 - 130			01/21/22 16:00	01/21/22 23:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/20/22 15:29	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/20/22 04:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9	mg/Kg		01/18/22 13:26	01/20/22 04:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:26	01/20/22 04:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			01/18/22 13:26	01/20/22 04:03	1
o-Terphenyl	69	S1-	70 - 130			01/18/22 13:26	01/20/22 04:03	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW39

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 1'

Lab Sample ID: 880-10291-39

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.15		4.99	mg/Kg			01/20/22 22:46	1

Client Sample ID: SW40

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 1'

Lab Sample ID: 880-10291-40

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/21/22 16:00	01/21/22 23:47	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/21/22 16:00	01/21/22 23:47	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/21/22 16:00	01/21/22 23:47	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/21/22 16:00	01/21/22 23:47	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/21/22 16:00	01/21/22 23:47	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/21/22 16:00	01/21/22 23:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			01/21/22 16:00	01/21/22 23:47	1
1,4-Difluorobenzene (Surr)	75		70 - 130			01/21/22 16:00	01/21/22 23:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/20/22 15:29	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/20/22 04:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/18/22 13:26	01/20/22 04:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/20/22 04:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130			01/18/22 13:26	01/20/22 04:24	1
o-Terphenyl	70		70 - 130			01/18/22 13:26	01/20/22 04:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	418		4.95	mg/Kg			01/20/22 22:58	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW41

Lab Sample ID: 880-10291-41

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/21/22 07:30	01/21/22 16:08	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/21/22 07:30	01/21/22 16:08	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/21/22 07:30	01/21/22 16:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/21/22 07:30	01/21/22 16:08	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/21/22 07:30	01/21/22 16:08	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/21/22 07:30	01/21/22 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	01/21/22 07:30	01/21/22 16:08	1
1,4-Difluorobenzene (Surr)	112		70 - 130	01/21/22 07:30	01/21/22 16:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/18/22 21:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/18/22 21:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/18/22 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130	01/18/22 13:29	01/18/22 21:15	1
o-Terphenyl	72		70 - 130	01/18/22 13:29	01/18/22 21:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		4.98	mg/Kg			01/20/22 09:39	1

Client Sample ID: SW42

Lab Sample ID: 880-10291-42

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/21/22 07:30	01/21/22 16:29	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/21/22 07:30	01/21/22 16:29	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/21/22 07:30	01/21/22 16:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/21/22 07:30	01/21/22 16:29	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/21/22 07:30	01/21/22 16:29	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/21/22 07:30	01/21/22 16:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	01/21/22 07:30	01/21/22 16:29	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW42

Lab Sample ID: 880-10291-42

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	111		70 - 130	01/21/22 07:30	01/21/22 16:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/18/22 22:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/18/22 22:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/18/22 22:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130			01/18/22 13:29	01/18/22 22:20	1
o-Terphenyl	67	S1-	70 - 130			01/18/22 13:29	01/18/22 22:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.8		5.04	mg/Kg			01/20/22 10:04	1

Client Sample ID: SW43

Lab Sample ID: 880-10291-43

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/21/22 07:30	01/21/22 16:50	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/21/22 07:30	01/21/22 16:50	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/21/22 07:30	01/21/22 16:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/21/22 07:30	01/21/22 16:50	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/21/22 07:30	01/21/22 16:50	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/21/22 07:30	01/21/22 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	01/21/22 07:30	01/21/22 16:50	1
1,4-Difluorobenzene (Surr)	76		70 - 130	01/21/22 07:30	01/21/22 16:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/26/22 16:48	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW43

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 1'

Lab Sample ID: 880-10291-43

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/18/22 22:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/18/22 22:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/18/22 22:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130			01/18/22 13:29	01/18/22 22:41	1
o-Terphenyl	69	S1-	70 - 130			01/18/22 13:29	01/18/22 22:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	151		4.99	mg/Kg			01/20/22 10:13	1

Client Sample ID: SW44

Date Collected: 01/14/22 00:00

Date Received: 01/18/22 00:00

Sample Depth: 1'

Lab Sample ID: 880-10291-44

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/21/22 07:30	01/21/22 17:11	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/21/22 07:30	01/21/22 17:11	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/21/22 07:30	01/21/22 17:11	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		01/21/22 07:30	01/21/22 17:11	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/21/22 07:30	01/21/22 17:11	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/21/22 07:30	01/21/22 17:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130			01/21/22 07:30	01/21/22 17:11	1
1,4-Difluorobenzene (Surr)	119		70 - 130			01/21/22 07:30	01/21/22 17:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/18/22 23:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/18/22 23:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/18/22 23:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130			01/18/22 13:29	01/18/22 23:02	1
o-Terphenyl	62	S1-	70 - 130			01/18/22 13:29	01/18/22 23:02	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW44

Lab Sample ID: 880-10291-44

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.5		4.98	mg/Kg			01/20/22 10:21	1

Client Sample ID: SW45

Lab Sample ID: 880-10291-45

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/21/22 07:30	01/21/22 17:31	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/21/22 07:30	01/21/22 17:31	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/21/22 07:30	01/21/22 17:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/21/22 07:30	01/21/22 17:31	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/21/22 07:30	01/21/22 17:31	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/21/22 07:30	01/21/22 17:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			01/21/22 07:30	01/21/22 17:31	1
1,4-Difluorobenzene (Surr)	92		70 - 130			01/21/22 07:30	01/21/22 17:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:29	01/18/22 23:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:29	01/18/22 23:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:29	01/18/22 23:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130			01/18/22 13:29	01/18/22 23:24	1
o-Terphenyl	70		70 - 130			01/18/22 13:29	01/18/22 23:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.69		5.01	mg/Kg			01/20/22 10:29	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW46

Lab Sample ID: 880-10291-46

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/21/22 07:30	01/21/22 17:52	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/21/22 07:30	01/21/22 17:52	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/21/22 07:30	01/21/22 17:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/21/22 07:30	01/21/22 17:52	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/21/22 07:30	01/21/22 17:52	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/21/22 07:30	01/21/22 17:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	01/21/22 07:30	01/21/22 17:52	1
1,4-Difluorobenzene (Surr)	114		70 - 130	01/21/22 07:30	01/21/22 17:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/18/22 23:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/18/22 23:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/18/22 23:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	01/18/22 13:29	01/18/22 23:45	1
o-Terphenyl	72		70 - 130	01/18/22 13:29	01/18/22 23:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.9		4.99	mg/Kg			01/20/22 10:54	1

Client Sample ID: SW47

Lab Sample ID: 880-10291-47

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/21/22 07:30	01/21/22 18:13	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/21/22 07:30	01/21/22 18:13	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/21/22 07:30	01/21/22 18:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/21/22 07:30	01/21/22 18:13	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/21/22 07:30	01/21/22 18:13	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/21/22 07:30	01/21/22 18:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	01/21/22 07:30	01/21/22 18:13	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW47

Lab Sample ID: 880-10291-47

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	89		70 - 130	01/21/22 07:30	01/21/22 18:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:29	01/19/22 00:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:29	01/19/22 00:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:29	01/19/22 00:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130			01/18/22 13:29	01/19/22 00:07	1
o-Terphenyl	76		70 - 130			01/18/22 13:29	01/19/22 00:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.3		5.00	mg/Kg			01/20/22 11:03	1

Client Sample ID: SW48

Lab Sample ID: 880-10291-48

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/21/22 07:30	01/21/22 18:33	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/21/22 07:30	01/21/22 18:33	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/21/22 07:30	01/21/22 18:33	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		01/21/22 07:30	01/21/22 18:33	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/21/22 07:30	01/21/22 18:33	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/21/22 07:30	01/21/22 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	01/21/22 07:30	01/21/22 18:33	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/21/22 07:30	01/21/22 18:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:43	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW48

Lab Sample ID: 880-10291-48

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/19/22 00:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/19/22 00:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/19/22 00:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130			01/18/22 13:29	01/19/22 00:30	1
o-Terphenyl	85		70 - 130			01/18/22 13:29	01/19/22 00:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.2		4.98	mg/Kg			01/20/22 11:11	1

Client Sample ID: SW49

Lab Sample ID: 880-10291-49

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/21/22 07:30	01/21/22 18:54	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/21/22 07:30	01/21/22 18:54	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/21/22 07:30	01/21/22 18:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/21/22 07:30	01/21/22 18:54	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/21/22 07:30	01/21/22 18:54	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/21/22 07:30	01/21/22 18:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130			01/21/22 07:30	01/21/22 18:54	1
1,4-Difluorobenzene (Surr)	77		70 - 130			01/21/22 07:30	01/21/22 18:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/19/22 00:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/19/22 00:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/19/22 00:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130			01/18/22 13:29	01/19/22 00:52	1
o-Terphenyl	69	S1-	70 - 130			01/18/22 13:29	01/19/22 00:52	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW49

Lab Sample ID: 880-10291-49

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		5.00	mg/Kg			01/22/22 18:01	1

Client Sample ID: SW50

Lab Sample ID: 880-10291-50

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/21/22 16:00	01/21/22 19:15	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/21/22 16:00	01/21/22 19:15	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/21/22 16:00	01/21/22 19:15	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		01/21/22 16:00	01/21/22 19:15	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/21/22 16:00	01/21/22 19:15	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		01/21/22 16:00	01/21/22 19:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			01/21/22 16:00	01/21/22 19:15	1
1,4-Difluorobenzene (Surr)	82		70 - 130			01/21/22 16:00	01/21/22 19:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:29	01/19/22 01:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:29	01/19/22 01:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:29	01/19/22 01:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130			01/18/22 13:29	01/19/22 01:14	1
o-Terphenyl	71		70 - 130			01/18/22 13:29	01/19/22 01:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	166		5.00	mg/Kg			01/20/22 07:42	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW51

Lab Sample ID: 880-10291-51

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:26	01/20/22 04:41	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:26	01/20/22 04:41	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:26	01/20/22 04:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:26	01/20/22 04:41	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:26	01/20/22 04:41	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:26	01/20/22 04:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	01/18/22 09:26	01/20/22 04:41	1
1,4-Difluorobenzene (Surr)	104		70 - 130	01/18/22 09:26	01/20/22 04:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/19/22 02:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/19/22 02:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/19/22 02:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130	01/18/22 13:29	01/19/22 02:01	1
o-Terphenyl	73		70 - 130	01/18/22 13:29	01/19/22 02:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	261		4.95	mg/Kg			01/20/22 07:50	1

Client Sample ID: SW52

Lab Sample ID: 880-10291-52

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:26	01/20/22 05:02	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:26	01/20/22 05:02	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:26	01/20/22 05:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/18/22 09:26	01/20/22 05:02	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/18/22 09:26	01/20/22 05:02	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/18/22 09:26	01/20/22 05:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	01/18/22 09:26	01/20/22 05:02	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW52

Lab Sample ID: 880-10291-52

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	01/18/22 09:26	01/20/22 05:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/19/22 02:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/19/22 02:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/18/22 13:29	01/19/22 02:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130			01/18/22 13:29	01/19/22 02:23	1
o-Terphenyl	65	S1-	70 - 130			01/18/22 13:29	01/19/22 02:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	289		5.03	mg/Kg			01/20/22 07:59	1

Client Sample ID: SW53

Lab Sample ID: 880-10291-53

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 05:22	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 05:22	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 05:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		01/18/22 09:26	01/20/22 05:22	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 05:22	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/18/22 09:26	01/20/22 05:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/18/22 09:26	01/20/22 05:22	1
1,4-Difluorobenzene (Surr)	77		70 - 130	01/18/22 09:26	01/20/22 05:22	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/24/22 16:43	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW53

Lab Sample ID: 880-10291-53

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		01/18/22 13:29	01/19/22 02:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/18/22 13:29	01/19/22 02:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/18/22 13:29	01/19/22 02:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130			01/18/22 13:29	01/19/22 02:45	1
o-Terphenyl	67	S1-	70 - 130			01/18/22 13:29	01/19/22 02:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.2		4.98	mg/Kg			01/20/22 08:07	1

Client Sample ID: SW54

Lab Sample ID: 880-10291-54

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:26	01/20/22 05:43	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:26	01/20/22 05:43	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:26	01/20/22 05:43	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		01/18/22 09:26	01/20/22 05:43	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/18/22 09:26	01/20/22 05:43	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		01/18/22 09:26	01/20/22 05:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			01/18/22 09:26	01/20/22 05:43	1
1,4-Difluorobenzene (Surr)	96		70 - 130			01/18/22 09:26	01/20/22 05:43	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 18:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 18:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 18:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130			01/19/22 08:50	01/20/22 18:22	1
o-Terphenyl	81		70 - 130			01/19/22 08:50	01/20/22 18:22	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW54

Lab Sample ID: 880-10291-54

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.0		5.05	mg/Kg			01/20/22 08:16	1

Client Sample ID: SW55

Lab Sample ID: 880-10291-55

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:26	01/20/22 06:03	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:26	01/20/22 06:03	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:26	01/20/22 06:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		01/18/22 09:26	01/20/22 06:03	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/18/22 09:26	01/20/22 06:03	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/18/22 09:26	01/20/22 06:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130			01/18/22 09:26	01/20/22 06:03	1
1,4-Difluorobenzene (Surr)	99		70 - 130			01/18/22 09:26	01/20/22 06:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 18:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 18:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 18:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130			01/19/22 08:50	01/20/22 18:42	1
o-Terphenyl	79		70 - 130			01/19/22 08:50	01/20/22 18:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.3		5.00	mg/Kg			01/20/22 08:24	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW56

Lab Sample ID: 880-10291-56

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 06:23	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 06:23	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 06:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:26	01/20/22 06:23	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/20/22 06:23	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:26	01/20/22 06:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/18/22 09:26	01/20/22 06:23	1
1,4-Difluorobenzene (Surr)	73		70 - 130	01/18/22 09:26	01/20/22 06:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/24/22 16:43	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 19:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0	mg/Kg		01/19/22 08:50	01/20/22 19:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	01/19/22 08:50	01/20/22 19:03	1
o-Terphenyl	70		70 - 130	01/19/22 08:50	01/20/22 19:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.37		4.97	mg/Kg			01/20/22 08:32	1

Eurofins Midland

Surrogate Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 8021B - Volatile Organic Compounds (GC)**Matrix: Solid****Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-10289-A-101-A MS	Matrix Spike	119	87
880-10289-A-101-B MSD	Matrix Spike Duplicate	101	103
880-10291-1	SW1	114	96
880-10291-1 MS	SW1	389 S1+	85
880-10291-1 MSD	SW1	137 S1+	112
880-10291-2	SW2	139 S1+	97
880-10291-3	SW3	140 S1+	109
880-10291-4	SW4	102	88
880-10291-5	SW5	128	88
880-10291-6	SW6	107	165 S1+
880-10291-7	SW7	120	96
880-10291-8	SW8	113	109
880-10291-9	SW9	112	87
880-10291-10	SW10	111	90
880-10291-11	SW11	122	119
880-10291-12	SW12	133 S1+	104
880-10291-13	SW13	71	115
880-10291-14	SW14	91	101
880-10291-15	SW15	96	148 S1+
880-10291-16	SW16	104	91
880-10291-17	SW17	90	74
880-10291-18	SW18	103	77
880-10291-19	SW19	93	117
880-10291-20	SW20	111	122
880-10291-21	SW21	101	72
880-10291-21 MS	SW21	90	105
880-10291-21 MSD	SW21	102	118
880-10291-22	SW22	101	98
880-10291-23	SW23	103	102
880-10291-24	SW24	106	108
880-10291-25	SW25	106	104
880-10291-26	SW26	127	82
880-10291-27	SW27	107	86
880-10291-28	SW28	108	114
880-10291-29	SW29	84	93
880-10291-30	SW30	95	106
880-10291-31	SW31	74	102
880-10291-32	SW32	119	95
880-10291-33	SW33	104	76
880-10291-34	SW34	108	84
880-10291-35	SW35	92	90
880-10291-36	SW36	105	118
880-10291-37	SW37	119	110
880-10291-38	SW38	114	76
880-10291-39	SW39	122	129
880-10291-40	SW40	100	75
880-10291-41	SW41	112	112
880-10291-41 MS	SW41	98	100
880-10291-41 MSD	SW41	100	99

Eurofins Midland

Surrogate Summary

Client: Hungry Horse LLC

Job ID: 880-10291-1

Project/Site: ARU #16

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-10291-42	SW42	133 S1+	111
880-10291-43	SW43	98	76
880-10291-44	SW44	91	119
880-10291-45	SW45	100	92
880-10291-46	SW46	125	114
880-10291-47	SW47	131 S1+	89
880-10291-48	SW48	107	93
880-10291-49	SW49	79	77
880-10291-50	SW50	112	82
880-10291-51	SW51	121	104
880-10291-52	SW52	117	75
880-10291-53	SW53	105	77
880-10291-54	SW54	115	96
880-10291-55	SW55	126	99
880-10291-56	SW56	99	73
LCS 880-17110/1-A	Lab Control Sample	100	93
LCS 880-17111/1-A	Lab Control Sample	107	95
LCS 880-17112/1-A	Lab Control Sample	90	105
LCS 880-17283/1-A	Lab Control Sample	98	97
LCSD 880-17110/2-A	Lab Control Sample Dup	98	107
LCSD 880-17111/2-A	Lab Control Sample Dup	110	99
LCSD 880-17112/2-A	Lab Control Sample Dup	97	109
LCSD 880-17283/2-A	Lab Control Sample Dup	109	90
MB 880-17108/5-A	Method Blank	118	96
MB 880-17109/5-A	Method Blank	60 S1-	94
MB 880-17110/5-A	Method Blank	106	100
MB 880-17111/5-A	Method Blank	116	102
MB 880-17112/5-A	Method Blank	63 S1-	96
MB 880-17114/5-A	Method Blank	104	99
MB 880-17283/5-A	Method Blank	124	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-10289-A-101-F MS	Matrix Spike	74	65 S1-
880-10289-A-101-G MSD	Matrix Spike Duplicate	69 S1-	61 S1-
880-10291-1	SW1	88	90
880-10291-1 MS	SW1	76	81
880-10291-1 MSD	SW1	79	81
880-10291-2	SW2	86	85
880-10291-3	SW3	88	91
880-10291-4	SW4	85	86
880-10291-5	SW5	100	99
880-10291-6	SW6	101	98

Eurofins Midland

Surrogate Summary

Client: Hungry Horse LLC

Job ID: 880-10291-1

Project/Site: ARU #16

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-10291-7	SW7	97	93
880-10291-8	SW8	73	73
880-10291-9	SW9	76	77
880-10291-10	SW10	86	85
880-10291-11	SW11	83	83
880-10291-12	SW12	82	80
880-10291-13	SW13	104	101
880-10291-14	SW14	85	87
880-10291-15	SW15	81	81
880-10291-16	SW16	84	81
880-10291-17	SW17	101	99
880-10291-18	SW18	86	84
880-10291-19	SW19	102	100
880-10291-20	SW20	80	79
880-10291-21	SW21	67 S1-	68 S1-
880-10291-21 MS	SW21	60 S1-	55 S1-
880-10291-21 MSD	SW21	60 S1-	56 S1-
880-10291-22	SW22	74	75
880-10291-23	SW23	59 S1-	57 S1-
880-10291-24	SW24	61 S1-	57 S1-
880-10291-25	SW25	55 S1-	50 S1-
880-10291-26	SW26	64 S1-	62 S1-
880-10291-27	SW27	63 S1-	62 S1-
880-10291-28	SW28	64 S1-	65 S1-
880-10291-29	SW29	64 S1-	64 S1-
880-10291-30	SW30	62 S1-	62 S1-
880-10291-31	SW31	66 S1-	69 S1-
880-10291-32	SW32	69 S1-	71
880-10291-33	SW33	67 S1-	68 S1-
880-10291-34	SW34	66 S1-	68 S1-
880-10291-35	SW35	68 S1-	72
880-10291-36	SW36	70	70
880-10291-37	SW37	68 S1-	70
880-10291-38	SW38	66 S1-	68 S1-
880-10291-39	SW39	68 S1-	69 S1-
880-10291-40	SW40	70	70
880-10291-41	SW41	69 S1-	72
880-10291-41 MS	SW41	64 S1-	61 S1-
880-10291-41 MSD	SW41	69 S1-	64 S1-
880-10291-42	SW42	65 S1-	67 S1-
880-10291-43	SW43	67 S1-	69 S1-
880-10291-44	SW44	62 S1-	62 S1-
880-10291-45	SW45	67 S1-	70
880-10291-46	SW46	68 S1-	72
880-10291-47	SW47	74	76
880-10291-48	SW48	81	85
880-10291-49	SW49	65 S1-	69 S1-
880-10291-50	SW50	66 S1-	71
880-10291-51	SW51	69 S1-	73
880-10291-52	SW52	64 S1-	65 S1-

Eurofins Midland

Surrogate Summary

Client: Hungry Horse LLC

Job ID: 880-10291-1

Project/Site: ARU #16

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-10291-53	SW53	65 S1-	67 S1-
880-10291-54	SW54	80	81
880-10291-55	SW55	79	79
880-10291-56	SW56	75	70
LCS 880-17164/2-A	Lab Control Sample	112	112
LCS 880-17165/2-A	Lab Control Sample	101	102
LCS 880-17216/2-A	Lab Control Sample	88	79
LCSD 880-17164/3-A	Lab Control Sample Dup	84	81
LCSD 880-17165/3-A	Lab Control Sample Dup	95	97
LCSD 880-17216/3-A	Lab Control Sample Dup	104	98
MB 880-17164/1-A	Method Blank	67 S1-	72
MB 880-17165/1-A	Method Blank	70	78
MB 880-17216/1-A	Method Blank	68 S1-	71
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO2 (70-130)	OTPH2 (70-130)
LCS 880-17163/2-A	Lab Control Sample	103	98
LCSD 880-17163/3-A	Lab Control Sample Dup	116	108
MB 880-17163/1-A	Method Blank	93	94
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-17108/5-A

Matrix: Solid

Analysis Batch: 17207

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17108

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 10:51	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 10:51	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 10:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:18	01/19/22 10:51	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:18	01/19/22 10:51	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:18	01/19/22 10:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	01/18/22 09:18	01/19/22 10:51	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/18/22 09:18	01/19/22 10:51	1

Lab Sample ID: MB 880-17109/5-A

Matrix: Solid

Analysis Batch: 17208

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17109

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 11:23	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 11:23	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 11:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:23	01/19/22 11:23	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:23	01/19/22 11:23	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:23	01/19/22 11:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	60	S1-	70 - 130	01/18/22 09:23	01/19/22 11:23	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/18/22 09:23	01/19/22 11:23	1

Lab Sample ID: MB 880-17110/5-A

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17110

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/19/22 22:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/19/22 22:33	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/19/22 22:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:26	01/19/22 22:33	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:26	01/19/22 22:33	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:26	01/19/22 22:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	01/18/22 09:26	01/19/22 22:33	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/18/22 09:26	01/19/22 22:33	1

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-17110/1-A

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17110

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07586		mg/Kg		76	70 - 130
Toluene	0.100	0.07245		mg/Kg		72	70 - 130
Ethylbenzene	0.100	0.07363		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	0.200	0.1502		mg/Kg		75	70 - 130
o-Xylene	0.100	0.07485		mg/Kg		75	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-17110/2-A

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17110

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08884		mg/Kg		89	70 - 130	16	35
Toluene	0.100	0.08171		mg/Kg		82	70 - 130	12	35
Ethylbenzene	0.100	0.08318		mg/Kg		83	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1674		mg/Kg		84	70 - 130	11	35
o-Xylene	0.100	0.08250		mg/Kg		82	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-10289-A-101-A MS

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 17110

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U F1 F2	0.0990	0.01677	F1	mg/Kg		16	70 - 130
Toluene	<0.00198	U F1 F2	0.0990	0.01703	F1	mg/Kg		16	70 - 130
Ethylbenzene	<0.00198	U F1 F2	0.0990	0.01633	F1	mg/Kg		16	70 - 130
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.198	0.03490	F1	mg/Kg		18	70 - 130
o-Xylene	<0.00198	U F1 F2	0.0990	0.02546	F1	mg/Kg		25	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 880-10289-A-101-B MSD

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 17110

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U F1 F2	0.0992	0.005325	F1 F2	mg/Kg		4	70 - 130	104	35
Toluene	<0.00198	U F1 F2	0.0992	0.003081	F1 F2	mg/Kg		2	70 - 130	139	35
Ethylbenzene	<0.00198	U F1 F2	0.0992	0.005509	F1 F2	mg/Kg		6	70 - 130	99	35

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-10289-A-101-B MSD

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 17110

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.198	0.01157	F1 F2	mg/Kg		6	70 - 130	100	35
o-Xylene	<0.00198	U F1 F2	0.0992	0.007396	F1 F2	mg/Kg		7	70 - 130	110	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	101		70 - 130								
1,4-Difluorobenzene (Surr)	103		70 - 130								

Lab Sample ID: MB 880-17111/5-A

Matrix: Solid

Analysis Batch: 17207

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17111

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/19/22 22:27	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/19/22 22:27	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/19/22 22:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:29	01/19/22 22:27	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:29	01/19/22 22:27	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:29	01/19/22 22:27	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130			01/18/22 09:29	01/19/22 22:27	1
1,4-Difluorobenzene (Surr)	102		70 - 130			01/18/22 09:29	01/19/22 22:27	1

Lab Sample ID: LCS 880-17111/1-A

Matrix: Solid

Analysis Batch: 17207

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17111

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Benzene	0.100	0.07838		mg/Kg		78	70 - 130	
Toluene	0.100	0.08665		mg/Kg		87	70 - 130	
Ethylbenzene	0.100	0.09065		mg/Kg		91	70 - 130	
m-Xylene & p-Xylene	0.200	0.1774		mg/Kg		89	70 - 130	
o-Xylene	0.100	0.08777		mg/Kg		88	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
4-Bromofluorobenzene (Surr)	107		70 - 130					
1,4-Difluorobenzene (Surr)	95		70 - 130					

Lab Sample ID: LCSD 880-17111/2-A

Matrix: Solid

Analysis Batch: 17207

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17111

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08166		mg/Kg		82	70 - 130	4	35
Toluene	0.100	0.08768		mg/Kg		88	70 - 130	1	35
Ethylbenzene	0.100	0.09189		mg/Kg		92	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1786		mg/Kg		89	70 - 130	1	35
o-Xylene	0.100	0.09046		mg/Kg		90	70 - 130	3	35

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-10291-1 MS

Matrix: Solid

Analysis Batch: 17207

Client Sample ID: SW1

Prep Type: Total/NA

Prep Batch: 17111

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U F1 F2	0.100	0.02138	F1	mg/Kg		21	70 - 130
Toluene	<0.00198	U F1 F2	0.100	0.02652	F1	mg/Kg		26	70 - 130
Ethylbenzene	<0.00198	U F1 F2	0.100	0.1021		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.201	0.1663		mg/Kg		83	70 - 130
o-Xylene	<0.00198	U F1 F2	0.100	0.1063		mg/Kg		106	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	389	S1+	70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 880-10291-1 MSD

Matrix: Solid

Analysis Batch: 17207

Client Sample ID: SW1

Prep Type: Total/NA

Prep Batch: 17111

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U F1 F2	0.0990	0.03945	F1 F2	mg/Kg		40	70 - 130	59	35
Toluene	<0.00198	U F1 F2	0.0990	0.03819	F1 F2	mg/Kg		39	70 - 130	36	35
Ethylbenzene	<0.00198	U F1 F2	0.0990	0.04381	F1 F2	mg/Kg		44	70 - 130	80	35
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.198	0.08008	F1 F2	mg/Kg		40	70 - 130	70	35
o-Xylene	<0.00198	U F1 F2	0.0990	0.04264	F1 F2	mg/Kg		43	70 - 130	86	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: MB 880-17112/5-A

Matrix: Solid

Analysis Batch: 17208

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17112

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:31	01/20/22 01:13	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:31	01/20/22 01:13	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:31	01/20/22 01:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 09:31	01/20/22 01:13	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 09:31	01/20/22 01:13	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 09:31	01/20/22 01:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	63	S1-	70 - 130	01/18/22 09:31	01/20/22 01:13	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/18/22 09:31	01/20/22 01:13	1

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-17112/1-A

Matrix: Solid

Analysis Batch: 17208

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17112

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1169		mg/Kg		117	70 - 130
Toluene	0.100	0.1128		mg/Kg		113	70 - 130
Ethylbenzene	0.100	0.09949		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.2058		mg/Kg		103	70 - 130
o-Xylene	0.100	0.1016		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-17112/2-A

Matrix: Solid

Analysis Batch: 17208

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17112

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1156		mg/Kg		116	70 - 130	1	35
Toluene	0.100	0.1203		mg/Kg		120	70 - 130	6	35
Ethylbenzene	0.100	0.1028		mg/Kg		103	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2127		mg/Kg		106	70 - 130	3	35
o-Xylene	0.100	0.1065		mg/Kg		106	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-10291-21 MS

Matrix: Solid

Analysis Batch: 17208

Client Sample ID: SW21

Prep Type: Total/NA

Prep Batch: 17112

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F2 F1	0.0996	0.06869	F1	mg/Kg		69	70 - 130
Toluene	<0.00199	U F2 F1	0.0996	0.06665	F1	mg/Kg		67	70 - 130
Ethylbenzene	<0.00199	U F2 F1	0.0996	0.06035	F1	mg/Kg		61	70 - 130
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.199	0.1218	F1	mg/Kg		61	70 - 130
o-Xylene	<0.00199	U F1	0.0996	0.05835	F1	mg/Kg		58	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-10291-21 MSD

Matrix: Solid

Analysis Batch: 17208

Client Sample ID: SW21

Prep Type: Total/NA

Prep Batch: 17112

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F2 F1	0.0996	0.04340	F2 F1	mg/Kg		44	70 - 130	45	35
Toluene	<0.00199	U F2 F1	0.0996	0.04063	F2 F1	mg/Kg		41	70 - 130	49	35
Ethylbenzene	<0.00199	U F2 F1	0.0996	0.04016	F2 F1	mg/Kg		40	70 - 130	40	35

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-10291-21 MSD

Matrix: Solid

Analysis Batch: 17208

Client Sample ID: SW21

Prep Type: Total/NA

Prep Batch: 17112

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.199	0.08084	F2 F1	mg/Kg		41	70 - 130	40	35
o-Xylene	<0.00199	U F1	0.0996	0.04233	F1	mg/Kg		42	70 - 130	32	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: MB 880-17114/5-A

Matrix: Solid

Analysis Batch: 17206

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17114

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/19/22 07:30	01/19/22 10:46	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/19/22 07:30	01/19/22 10:46	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/19/22 07:30	01/19/22 10:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/19/22 07:30	01/19/22 10:46	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/19/22 07:30	01/19/22 10:46	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/19/22 07:30	01/19/22 10:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/19/22 07:30	01/19/22 10:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/19/22 07:30	01/19/22 10:46	1

Lab Sample ID: MB 880-17283/5-A

Matrix: Solid

Analysis Batch: 17417

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17283

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/21/22 07:30	01/21/22 15:47	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/21/22 07:30	01/21/22 15:47	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/21/22 07:30	01/21/22 15:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/21/22 07:30	01/21/22 15:47	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/21/22 07:30	01/21/22 15:47	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/21/22 07:30	01/21/22 15:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	01/21/22 07:30	01/21/22 15:47	1
1,4-Difluorobenzene (Surr)	91		70 - 130	01/21/22 07:30	01/21/22 15:47	1

Lab Sample ID: LCS 880-17283/1-A

Matrix: Solid

Analysis Batch: 17417

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1048		mg/Kg		105	70 - 130
Toluene	0.100	0.09271		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.08836		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.1794		mg/Kg		90	70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-17283/1-A

Matrix: Solid

Analysis Batch: 17417

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	0.100	0.08921		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-17283/2-A

Matrix: Solid

Analysis Batch: 17417

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17283

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.08825		mg/Kg		88	70 - 130	17	35
Toluene	0.100	0.09717		mg/Kg		97	70 - 130	5	35
Ethylbenzene	0.100	0.09768		mg/Kg		98	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2036		mg/Kg		102	70 - 130	13	35
o-Xylene	0.100	0.1006		mg/Kg		101	70 - 130	12	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-10291-41 MS

Matrix: Solid

Analysis Batch: 17417

Client Sample ID: SW41

Prep Type: Total/NA

Prep Batch: 17283

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.101	0.1043		mg/Kg		104	70 - 130
Toluene	<0.00199	U	0.101	0.09453		mg/Kg		94	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.09044		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.201	0.1841		mg/Kg		91	70 - 130
o-Xylene	<0.00199	U	0.101	0.09106		mg/Kg		91	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-10291-41 MSD

Matrix: Solid

Analysis Batch: 17417

Client Sample ID: SW41

Prep Type: Total/NA

Prep Batch: 17283

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00199	U	0.0996	0.1001		mg/Kg		100	70 - 130	4	35
Toluene	<0.00199	U	0.0996	0.09435		mg/Kg		95	70 - 130	0	35
Ethylbenzene	<0.00199	U	0.0996	0.08933		mg/Kg		90	70 - 130	1	35
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1829		mg/Kg		92	70 - 130	1	35
o-Xylene	<0.00199	U	0.0996	0.09006		mg/Kg		90	70 - 130	1	35

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-10291-41 MSD

Matrix: Solid

Analysis Batch: 17417

Client Sample ID: SW41

Prep Type: Total/NA

Prep Batch: 17283

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-17163/1-A

Matrix: Solid

Analysis Batch: 17092

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17163

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/18/22 20:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/18/22 20:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:23	01/18/22 20:03	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
%Recovery	Qualifier							
1-Chlorooctane	93		70 - 130			01/18/22 13:23	01/18/22 20:03	1
o-Terphenyl	94		70 - 130			01/18/22 13:23	01/18/22 20:03	1

Lab Sample ID: LCS 880-17163/2-A

Matrix: Solid

Analysis Batch: 17092

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17163

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	898.6		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	1000	996.1		mg/Kg		100	70 - 130
Surrogate	LCS	LCS	Limits				
%Recovery	Qualifier						
1-Chlorooctane	103		70 - 130				
o-Terphenyl	98		70 - 130				

Lab Sample ID: LCSD 880-17163/3-A

Matrix: Solid

Analysis Batch: 17092

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17163

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	958.6		mg/Kg		96	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1201		mg/Kg		120	70 - 130	19	20
Surrogate	LCSD	LCSD	Limits						
%Recovery	Qualifier								
1-Chlorooctane	116		70 - 130						
o-Terphenyl	108		70 - 130						

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-10291-1 MS

Matrix: Solid

Analysis Batch: 17092

Client Sample ID: SW1

Prep Type: Total/NA

Prep Batch: 17163

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	868.8		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1006		mg/Kg		101	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	76		70 - 130						
o-Terphenyl	81		70 - 130						

Lab Sample ID: 880-10291-1 MSD

Matrix: Solid

Analysis Batch: 17092

Client Sample ID: SW1

Prep Type: Total/NA

Prep Batch: 17163

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	920.8		mg/Kg		90	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1025		mg/Kg		103	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	79		70 - 130								
o-Terphenyl	81		70 - 130								

Lab Sample ID: MB 880-17164/1-A

Matrix: Solid

Analysis Batch: 17211

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17164

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/19/22 19:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/19/22 19:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:26	01/19/22 19:44	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130			01/18/22 13:26	01/19/22 19:44	1
o-Terphenyl	72		70 - 130			01/18/22 13:26	01/19/22 19:44	1

Lab Sample ID: LCS 880-17164/2-A

Matrix: Solid

Analysis Batch: 17211

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17164

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1002		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1002		mg/Kg		100	70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-17164/2-A

Matrix: Solid

Analysis Batch: 17211

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17164

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	112		70 - 130

Lab Sample ID: LCSD 880-17164/3-A

Matrix: Solid

Analysis Batch: 17211

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17164

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	954.4		mg/Kg		95	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	782.4	*1	mg/Kg		78	70 - 130	25	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 880-10291-21 MS

Matrix: Solid

Analysis Batch: 17211

Client Sample ID: SW21

Prep Type: Total/NA

Prep Batch: 17164

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1037		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U *1	999	797.1		mg/Kg		78	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	60	S1-	70 - 130
o-Terphenyl	55	S1-	70 - 130

Lab Sample ID: 880-10291-21 MSD

Matrix: Solid

Analysis Batch: 17211

Client Sample ID: SW21

Prep Type: Total/NA

Prep Batch: 17164

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1049		mg/Kg		105	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U *1	998	809.9		mg/Kg		80	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	60	S1-	70 - 130
o-Terphenyl	56	S1-	70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-17165/1-A

Matrix: Solid

Analysis Batch: 17089

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17165

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/18/22 13:29	01/18/22 20:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/18/22 13:29	01/18/22 20:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/18/22 13:29	01/18/22 20:11	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130			01/18/22 13:29	01/18/22 20:11	1
o-Terphenyl	78		70 - 130			01/18/22 13:29	01/18/22 20:11	1

Lab Sample ID: LCS 880-17165/2-A

Matrix: Solid

Analysis Batch: 17089

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17165

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	987.2		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	858.3		mg/Kg		86	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	101		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-17165/3-A

Matrix: Solid

Analysis Batch: 17089

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17165

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	999.7		mg/Kg		100	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	879.0		mg/Kg		88	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	95		70 - 130						
o-Terphenyl	97		70 - 130						

Lab Sample ID: 880-10291-41 MS

Matrix: Solid

Analysis Batch: 17089

Client Sample ID: SW41

Prep Type: Total/NA

Prep Batch: 17165

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1050		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	860.8		mg/Kg		83	70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-10291-41 MS

Matrix: Solid

Analysis Batch: 17089

Client Sample ID: SW41

Prep Type: Total/NA

Prep Batch: 17165

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	64	S1-	70 - 130
o-Terphenyl	61	S1-	70 - 130

Lab Sample ID: 880-10291-41 MSD

Matrix: Solid

Analysis Batch: 17089

Client Sample ID: SW41

Prep Type: Total/NA

Prep Batch: 17165

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	1166		mg/Kg		117	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	932.4		mg/Kg		90	70 - 130	8	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	69	S1-	70 - 130
o-Terphenyl	64	S1-	70 - 130

Lab Sample ID: MB 880-17216/1-A

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17216

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 10:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 10:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:50	01/20/22 10:19	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	68	S1-	70 - 130	01/19/22 08:50	01/20/22 10:19	1
o-Terphenyl	71		70 - 130	01/19/22 08:50	01/20/22 10:19	1

Lab Sample ID: LCS 880-17216/2-A

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17216

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	906.6		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	732.5		mg/Kg		73	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	88		70 - 130
o-Terphenyl	79		70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-17216/3-A

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17216

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1127	*1	mg/Kg		113	70 - 130	22	20
Diesel Range Organics (Over C10-C28)	1000	1012	*1	mg/Kg		101	70 - 130	32	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	104		70 - 130						
o-Terphenyl	98		70 - 130						

Lab Sample ID: 880-10289-A-101-F MS

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 17216

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	997	1166		mg/Kg		117	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *1	997	1098		mg/Kg		109	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	74		70 - 130								
o-Terphenyl	65	S1-	70 - 130								

Lab Sample ID: 880-10289-A-101-G MSD

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 17216

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	996	1091		mg/Kg		110	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1	996	1035		mg/Kg		102	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	69	S1-	70 - 130								
o-Terphenyl	61	S1-	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-17138/1-A

Matrix: Solid

Analysis Batch: 17321

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/20/22 04:22	1

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-17138/2-A

Matrix: Solid

Analysis Batch: 17321

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	271.5		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-17138/3-A

Matrix: Solid

Analysis Batch: 17321

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	273.1		mg/Kg		109	90 - 110	1	20

Lab Sample ID: 880-10289-A-108-C MS

Matrix: Solid

Analysis Batch: 17321

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	126	F1	250	393.0		mg/Kg		107	90 - 110

Lab Sample ID: 880-10289-A-108-D MSD

Matrix: Solid

Analysis Batch: 17321

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	126	F1	250	426.5	F1	mg/Kg		121	90 - 110	8	20

Lab Sample ID: MB 880-17256/1-A

Matrix: Solid

Analysis Batch: 17344

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/20/22 09:14	1

Lab Sample ID: LCS 880-17256/2-A

Matrix: Solid

Analysis Batch: 17344

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	263.5		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-17256/3-A

Matrix: Solid

Analysis Batch: 17344

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	272.6		mg/Kg		109	90 - 110	3	20

Lab Sample ID: 880-10291-41 MS

Matrix: Solid

Analysis Batch: 17344

Client Sample ID: SW41

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	125		249	399.5		mg/Kg		110	90 - 110

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-10291-41 MSD

Matrix: Solid

Analysis Batch: 17344

Client Sample ID: SW41

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	125		249	378.3		mg/Kg		102	90 - 110	5	20

Lab Sample ID: MB 880-17144/1-A

Matrix: Solid

Analysis Batch: 17409

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/20/22 17:02	1

Lab Sample ID: LCS 880-17144/2-A

Matrix: Solid

Analysis Batch: 17409

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	251.1		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-17144/3-A

Matrix: Solid

Analysis Batch: 17409

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	250.5		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-10291-21 MS

Matrix: Solid

Analysis Batch: 17409

Client Sample ID: SW21

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	59.9		248	327.9		mg/Kg		108	90 - 110

Lab Sample ID: 880-10291-21 MSD

Matrix: Solid

Analysis Batch: 17409

Client Sample ID: SW21

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	59.9		248	318.1		mg/Kg		104	90 - 110	3	20

Lab Sample ID: 880-10291-31 MS

Matrix: Solid

Analysis Batch: 17409

Client Sample ID: SW31

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	103	F1	248	364.3		mg/Kg		106	90 - 110

Lab Sample ID: 880-10291-31 MSD

Matrix: Solid

Analysis Batch: 17409

Client Sample ID: SW31

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	103	F1	248	398.9	F1	mg/Kg		120	90 - 110	9	20

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-17143/1-A

Matrix: Solid

Analysis Batch: 17410

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/20/22 20:44	1

Lab Sample ID: LCS 880-17143/2-A

Matrix: Solid

Analysis Batch: 17410

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	269.2		mg/Kg		108	90 - 110

Lab Sample ID: LCSD 880-17143/3-A

Matrix: Solid

Analysis Batch: 17410

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	269.8		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 880-10291-1 MS

Matrix: Solid

Analysis Batch: 17410

Client Sample ID: SW1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	244	F1	250	523.9	F1	mg/Kg		112	90 - 110

Lab Sample ID: 880-10291-1 MSD

Matrix: Solid

Analysis Batch: 17410

Client Sample ID: SW1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	244	F1	250	517.5		mg/Kg		109	90 - 110	1	20

Lab Sample ID: 880-10291-11 MS

Matrix: Solid

Analysis Batch: 17410

Client Sample ID: SW11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	14.8		252	291.7		mg/Kg		110	90 - 110

Lab Sample ID: 880-10291-11 MSD

Matrix: Solid

Analysis Batch: 17410

Client Sample ID: SW11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	14.8		252	289.5		mg/Kg		109	90 - 110	1	20

Lab Sample ID: MB 880-17338/1-A

Matrix: Solid

Analysis Batch: 17519

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/22/22 17:26	1

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-17338/2-A

Matrix: Solid

Analysis Batch: 17519

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	253.1		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-17338/3-A

Matrix: Solid

Analysis Batch: 17519

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	268.1		mg/Kg		107	90 - 110	6	20

Lab Sample ID: 880-10291-49 MS

Matrix: Solid

Analysis Batch: 17519

Client Sample ID: SW49

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	170		250	418.5		mg/Kg		100	90 - 110

Lab Sample ID: 880-10291-49 MSD

Matrix: Solid

Analysis Batch: 17519

Client Sample ID: SW49

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	170		250	429.2		mg/Kg		104	90 - 110	3	20

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

GC VOA

Prep Batch: 17108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-17108/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 17109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-17109/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 17110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-51	SW51	Total/NA	Solid	5035	
880-10291-52	SW52	Total/NA	Solid	5035	
880-10291-53	SW53	Total/NA	Solid	5035	
880-10291-54	SW54	Total/NA	Solid	5035	
880-10291-55	SW55	Total/NA	Solid	5035	
880-10291-56	SW56	Total/NA	Solid	5035	
MB 880-17110/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17110/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17110/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10289-A-101-A MS	Matrix Spike	Total/NA	Solid	5035	
880-10289-A-101-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 17111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-1	SW1	Total/NA	Solid	5035	
880-10291-2	SW2	Total/NA	Solid	5035	
880-10291-3	SW3	Total/NA	Solid	5035	
880-10291-4	SW4	Total/NA	Solid	5035	
880-10291-5	SW5	Total/NA	Solid	5035	
880-10291-6	SW6	Total/NA	Solid	5035	
880-10291-7	SW7	Total/NA	Solid	5035	
880-10291-8	SW8	Total/NA	Solid	5035	
880-10291-9	SW9	Total/NA	Solid	5035	
880-10291-10	SW10	Total/NA	Solid	5035	
880-10291-11	SW11	Total/NA	Solid	5035	
880-10291-12	SW12	Total/NA	Solid	5035	
880-10291-13	SW13	Total/NA	Solid	5035	
880-10291-14	SW14	Total/NA	Solid	5035	
880-10291-15	SW15	Total/NA	Solid	5035	
880-10291-16	SW16	Total/NA	Solid	5035	
880-10291-17	SW17	Total/NA	Solid	5035	
880-10291-18	SW18	Total/NA	Solid	5035	
880-10291-19	SW19	Total/NA	Solid	5035	
880-10291-20	SW20	Total/NA	Solid	5035	
MB 880-17111/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17111/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17111/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10291-1 MS	SW1	Total/NA	Solid	5035	
880-10291-1 MSD	SW1	Total/NA	Solid	5035	

Prep Batch: 17112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-21	SW21	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

GC VOA (Continued)

Prep Batch: 17112 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-22	SW22	Total/NA	Solid	5035	
880-10291-23	SW23	Total/NA	Solid	5035	
880-10291-24	SW24	Total/NA	Solid	5035	
880-10291-25	SW25	Total/NA	Solid	5035	
880-10291-26	SW26	Total/NA	Solid	5035	
880-10291-27	SW27	Total/NA	Solid	5035	
880-10291-28	SW28	Total/NA	Solid	5035	
880-10291-29	SW29	Total/NA	Solid	5035	
880-10291-30	SW30	Total/NA	Solid	5035	
MB 880-17112/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17112/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17112/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10291-21 MS	SW21	Total/NA	Solid	5035	
880-10291-21 MSD	SW21	Total/NA	Solid	5035	

Prep Batch: 17114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-17114/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 17206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-51	SW51	Total/NA	Solid	8021B	17110
880-10291-52	SW52	Total/NA	Solid	8021B	17110
880-10291-53	SW53	Total/NA	Solid	8021B	17110
880-10291-54	SW54	Total/NA	Solid	8021B	17110
880-10291-55	SW55	Total/NA	Solid	8021B	17110
880-10291-56	SW56	Total/NA	Solid	8021B	17110
MB 880-17110/5-A	Method Blank	Total/NA	Solid	8021B	17110
MB 880-17114/5-A	Method Blank	Total/NA	Solid	8021B	17114
LCS 880-17110/1-A	Lab Control Sample	Total/NA	Solid	8021B	17110
LCSD 880-17110/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17110
880-10289-A-101-A MS	Matrix Spike	Total/NA	Solid	8021B	17110
880-10289-A-101-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	17110

Analysis Batch: 17207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-1	SW1	Total/NA	Solid	8021B	17111
880-10291-2	SW2	Total/NA	Solid	8021B	17111
880-10291-3	SW3	Total/NA	Solid	8021B	17111
880-10291-4	SW4	Total/NA	Solid	8021B	17111
880-10291-5	SW5	Total/NA	Solid	8021B	17111
880-10291-6	SW6	Total/NA	Solid	8021B	17111
880-10291-7	SW7	Total/NA	Solid	8021B	17111
880-10291-8	SW8	Total/NA	Solid	8021B	17111
880-10291-9	SW9	Total/NA	Solid	8021B	17111
880-10291-10	SW10	Total/NA	Solid	8021B	17111
880-10291-11	SW11	Total/NA	Solid	8021B	17111
880-10291-12	SW12	Total/NA	Solid	8021B	17111
880-10291-13	SW13	Total/NA	Solid	8021B	17111
880-10291-14	SW14	Total/NA	Solid	8021B	17111
880-10291-15	SW15	Total/NA	Solid	8021B	17111

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

GC VOA (Continued)

Analysis Batch: 17207 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-16	SW16	Total/NA	Solid	8021B	17111
880-10291-17	SW17	Total/NA	Solid	8021B	17111
880-10291-18	SW18	Total/NA	Solid	8021B	17111
880-10291-19	SW19	Total/NA	Solid	8021B	17111
880-10291-20	SW20	Total/NA	Solid	8021B	17111
MB 880-17108/5-A	Method Blank	Total/NA	Solid	8021B	17108
MB 880-17111/5-A	Method Blank	Total/NA	Solid	8021B	17111
LCS 880-17111/1-A	Lab Control Sample	Total/NA	Solid	8021B	17111
LCSD 880-17111/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17111
880-10291-1 MS	SW1	Total/NA	Solid	8021B	17111
880-10291-1 MSD	SW1	Total/NA	Solid	8021B	17111

Analysis Batch: 17208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-21	SW21	Total/NA	Solid	8021B	17112
880-10291-22	SW22	Total/NA	Solid	8021B	17112
880-10291-23	SW23	Total/NA	Solid	8021B	17112
880-10291-24	SW24	Total/NA	Solid	8021B	17112
880-10291-25	SW25	Total/NA	Solid	8021B	17112
880-10291-26	SW26	Total/NA	Solid	8021B	17112
880-10291-27	SW27	Total/NA	Solid	8021B	17112
880-10291-28	SW28	Total/NA	Solid	8021B	17112
880-10291-29	SW29	Total/NA	Solid	8021B	17112
880-10291-30	SW30	Total/NA	Solid	8021B	17112
MB 880-17109/5-A	Method Blank	Total/NA	Solid	8021B	17109
MB 880-17112/5-A	Method Blank	Total/NA	Solid	8021B	17112
LCS 880-17112/1-A	Lab Control Sample	Total/NA	Solid	8021B	17112
LCSD 880-17112/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17112
880-10291-21 MS	SW21	Total/NA	Solid	8021B	17112
880-10291-21 MSD	SW21	Total/NA	Solid	8021B	17112

Prep Batch: 17283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-31	SW31	Total/NA	Solid	5035	
880-10291-32	SW32	Total/NA	Solid	5035	
880-10291-33	SW33	Total/NA	Solid	5035	
880-10291-34	SW34	Total/NA	Solid	5035	
880-10291-35	SW35	Total/NA	Solid	5035	
880-10291-36	SW36	Total/NA	Solid	5035	
880-10291-37	SW37	Total/NA	Solid	5035	
880-10291-38	SW38	Total/NA	Solid	5035	
880-10291-39	SW39	Total/NA	Solid	5035	
880-10291-40	SW40	Total/NA	Solid	5035	
880-10291-41	SW41	Total/NA	Solid	5035	
880-10291-42	SW42	Total/NA	Solid	5035	
880-10291-43	SW43	Total/NA	Solid	5035	
880-10291-44	SW44	Total/NA	Solid	5035	
880-10291-45	SW45	Total/NA	Solid	5035	
880-10291-46	SW46	Total/NA	Solid	5035	
880-10291-47	SW47	Total/NA	Solid	5035	
880-10291-48	SW48	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

GC VOA (Continued)

Prep Batch: 17283 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-49	SW49	Total/NA	Solid	5035	
880-10291-50	SW50	Total/NA	Solid	5035	
MB 880-17283/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17283/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17283/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10291-41 MS	SW41	Total/NA	Solid	5035	
880-10291-41 MSD	SW41	Total/NA	Solid	5035	

Analysis Batch: 17387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-1	SW1	Total/NA	Solid	Total BTEX	
880-10291-2	SW2	Total/NA	Solid	Total BTEX	
880-10291-3	SW3	Total/NA	Solid	Total BTEX	
880-10291-4	SW4	Total/NA	Solid	Total BTEX	
880-10291-5	SW5	Total/NA	Solid	Total BTEX	
880-10291-6	SW6	Total/NA	Solid	Total BTEX	
880-10291-7	SW7	Total/NA	Solid	Total BTEX	
880-10291-8	SW8	Total/NA	Solid	Total BTEX	
880-10291-9	SW9	Total/NA	Solid	Total BTEX	
880-10291-10	SW10	Total/NA	Solid	Total BTEX	
880-10291-11	SW11	Total/NA	Solid	Total BTEX	
880-10291-12	SW12	Total/NA	Solid	Total BTEX	
880-10291-13	SW13	Total/NA	Solid	Total BTEX	
880-10291-14	SW14	Total/NA	Solid	Total BTEX	
880-10291-15	SW15	Total/NA	Solid	Total BTEX	
880-10291-16	SW16	Total/NA	Solid	Total BTEX	
880-10291-17	SW17	Total/NA	Solid	Total BTEX	
880-10291-18	SW18	Total/NA	Solid	Total BTEX	
880-10291-19	SW19	Total/NA	Solid	Total BTEX	
880-10291-20	SW20	Total/NA	Solid	Total BTEX	
880-10291-21	SW21	Total/NA	Solid	Total BTEX	
880-10291-22	SW22	Total/NA	Solid	Total BTEX	
880-10291-23	SW23	Total/NA	Solid	Total BTEX	
880-10291-24	SW24	Total/NA	Solid	Total BTEX	
880-10291-25	SW25	Total/NA	Solid	Total BTEX	
880-10291-26	SW26	Total/NA	Solid	Total BTEX	
880-10291-27	SW27	Total/NA	Solid	Total BTEX	
880-10291-28	SW28	Total/NA	Solid	Total BTEX	
880-10291-29	SW29	Total/NA	Solid	Total BTEX	
880-10291-30	SW30	Total/NA	Solid	Total BTEX	

Analysis Batch: 17417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-31	SW31	Total/NA	Solid	8021B	17283
880-10291-32	SW32	Total/NA	Solid	8021B	17283
880-10291-33	SW33	Total/NA	Solid	8021B	17283
880-10291-34	SW34	Total/NA	Solid	8021B	17283
880-10291-35	SW35	Total/NA	Solid	8021B	17283
880-10291-36	SW36	Total/NA	Solid	8021B	17283
880-10291-37	SW37	Total/NA	Solid	8021B	17283
880-10291-38	SW38	Total/NA	Solid	8021B	17283

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

GC VOA (Continued)

Analysis Batch: 17417 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-39	SW39	Total/NA	Solid	8021B	17283
880-10291-40	SW40	Total/NA	Solid	8021B	17283
880-10291-41	SW41	Total/NA	Solid	8021B	17283
880-10291-42	SW42	Total/NA	Solid	8021B	17283
880-10291-43	SW43	Total/NA	Solid	8021B	17283
880-10291-44	SW44	Total/NA	Solid	8021B	17283
880-10291-45	SW45	Total/NA	Solid	8021B	17283
880-10291-46	SW46	Total/NA	Solid	8021B	17283
880-10291-47	SW47	Total/NA	Solid	8021B	17283
880-10291-48	SW48	Total/NA	Solid	8021B	17283
880-10291-49	SW49	Total/NA	Solid	8021B	17283
880-10291-50	SW50	Total/NA	Solid	8021B	17283
MB 880-17283/5-A	Method Blank	Total/NA	Solid	8021B	17283
LCS 880-17283/1-A	Lab Control Sample	Total/NA	Solid	8021B	17283
LCSD 880-17283/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17283
880-10291-41 MS	SW41	Total/NA	Solid	8021B	17283
880-10291-41 MSD	SW41	Total/NA	Solid	8021B	17283

Analysis Batch: 17647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-31	SW31	Total/NA	Solid	Total BTEX	
880-10291-32	SW32	Total/NA	Solid	Total BTEX	
880-10291-33	SW33	Total/NA	Solid	Total BTEX	
880-10291-34	SW34	Total/NA	Solid	Total BTEX	
880-10291-35	SW35	Total/NA	Solid	Total BTEX	
880-10291-36	SW36	Total/NA	Solid	Total BTEX	
880-10291-37	SW37	Total/NA	Solid	Total BTEX	
880-10291-38	SW38	Total/NA	Solid	Total BTEX	
880-10291-39	SW39	Total/NA	Solid	Total BTEX	
880-10291-40	SW40	Total/NA	Solid	Total BTEX	
880-10291-41	SW41	Total/NA	Solid	Total BTEX	
880-10291-42	SW42	Total/NA	Solid	Total BTEX	
880-10291-43	SW43	Total/NA	Solid	Total BTEX	
880-10291-44	SW44	Total/NA	Solid	Total BTEX	
880-10291-45	SW45	Total/NA	Solid	Total BTEX	
880-10291-46	SW46	Total/NA	Solid	Total BTEX	
880-10291-47	SW47	Total/NA	Solid	Total BTEX	
880-10291-48	SW48	Total/NA	Solid	Total BTEX	
880-10291-49	SW49	Total/NA	Solid	Total BTEX	
880-10291-50	SW50	Total/NA	Solid	Total BTEX	
880-10291-51	SW51	Total/NA	Solid	Total BTEX	
880-10291-52	SW52	Total/NA	Solid	Total BTEX	
880-10291-53	SW53	Total/NA	Solid	Total BTEX	
880-10291-54	SW54	Total/NA	Solid	Total BTEX	
880-10291-55	SW55	Total/NA	Solid	Total BTEX	
880-10291-56	SW56	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

GC Semi VOA

Analysis Batch: 17089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-41	SW41	Total/NA	Solid	8015B NM	17165
880-10291-42	SW42	Total/NA	Solid	8015B NM	17165
880-10291-43	SW43	Total/NA	Solid	8015B NM	17165
880-10291-44	SW44	Total/NA	Solid	8015B NM	17165
880-10291-45	SW45	Total/NA	Solid	8015B NM	17165
880-10291-46	SW46	Total/NA	Solid	8015B NM	17165
880-10291-47	SW47	Total/NA	Solid	8015B NM	17165
880-10291-48	SW48	Total/NA	Solid	8015B NM	17165
880-10291-49	SW49	Total/NA	Solid	8015B NM	17165
880-10291-50	SW50	Total/NA	Solid	8015B NM	17165
880-10291-51	SW51	Total/NA	Solid	8015B NM	17165
880-10291-52	SW52	Total/NA	Solid	8015B NM	17165
880-10291-53	SW53	Total/NA	Solid	8015B NM	17165
MB 880-17165/1-A	Method Blank	Total/NA	Solid	8015B NM	17165
LCS 880-17165/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17165
LCSD 880-17165/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17165
880-10291-41 MS	SW41	Total/NA	Solid	8015B NM	17165
880-10291-41 MSD	SW41	Total/NA	Solid	8015B NM	17165

Analysis Batch: 17092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-1	SW1	Total/NA	Solid	8015B NM	17163
880-10291-2	SW2	Total/NA	Solid	8015B NM	17163
880-10291-3	SW3	Total/NA	Solid	8015B NM	17163
880-10291-4	SW4	Total/NA	Solid	8015B NM	17163
880-10291-5	SW5	Total/NA	Solid	8015B NM	17163
880-10291-6	SW6	Total/NA	Solid	8015B NM	17163
880-10291-7	SW7	Total/NA	Solid	8015B NM	17163
880-10291-8	SW8	Total/NA	Solid	8015B NM	17163
880-10291-9	SW9	Total/NA	Solid	8015B NM	17163
880-10291-10	SW10	Total/NA	Solid	8015B NM	17163
880-10291-11	SW11	Total/NA	Solid	8015B NM	17163
880-10291-12	SW12	Total/NA	Solid	8015B NM	17163
880-10291-13	SW13	Total/NA	Solid	8015B NM	17163
880-10291-14	SW14	Total/NA	Solid	8015B NM	17163
880-10291-15	SW15	Total/NA	Solid	8015B NM	17163
880-10291-16	SW16	Total/NA	Solid	8015B NM	17163
880-10291-17	SW17	Total/NA	Solid	8015B NM	17163
880-10291-18	SW18	Total/NA	Solid	8015B NM	17163
880-10291-19	SW19	Total/NA	Solid	8015B NM	17163
880-10291-20	SW20	Total/NA	Solid	8015B NM	17163
MB 880-17163/1-A	Method Blank	Total/NA	Solid	8015B NM	17163
LCS 880-17163/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17163
LCSD 880-17163/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17163
880-10291-1 MS	SW1	Total/NA	Solid	8015B NM	17163
880-10291-1 MSD	SW1	Total/NA	Solid	8015B NM	17163

Prep Batch: 17163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-1	SW1	Total/NA	Solid	8015NM Prep	
880-10291-2	SW2	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

GC Semi VOA (Continued)

Prep Batch: 17163 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-3	SW3	Total/NA	Solid	8015NM Prep	
880-10291-4	SW4	Total/NA	Solid	8015NM Prep	
880-10291-5	SW5	Total/NA	Solid	8015NM Prep	
880-10291-6	SW6	Total/NA	Solid	8015NM Prep	
880-10291-7	SW7	Total/NA	Solid	8015NM Prep	
880-10291-8	SW8	Total/NA	Solid	8015NM Prep	
880-10291-9	SW9	Total/NA	Solid	8015NM Prep	
880-10291-10	SW10	Total/NA	Solid	8015NM Prep	
880-10291-11	SW11	Total/NA	Solid	8015NM Prep	
880-10291-12	SW12	Total/NA	Solid	8015NM Prep	
880-10291-13	SW13	Total/NA	Solid	8015NM Prep	
880-10291-14	SW14	Total/NA	Solid	8015NM Prep	
880-10291-15	SW15	Total/NA	Solid	8015NM Prep	
880-10291-16	SW16	Total/NA	Solid	8015NM Prep	
880-10291-17	SW17	Total/NA	Solid	8015NM Prep	
880-10291-18	SW18	Total/NA	Solid	8015NM Prep	
880-10291-19	SW19	Total/NA	Solid	8015NM Prep	
880-10291-20	SW20	Total/NA	Solid	8015NM Prep	
MB 880-17163/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17163/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17163/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10291-1 MS	SW1	Total/NA	Solid	8015NM Prep	
880-10291-1 MSD	SW1	Total/NA	Solid	8015NM Prep	

Prep Batch: 17164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-21	SW21	Total/NA	Solid	8015NM Prep	
880-10291-22	SW22	Total/NA	Solid	8015NM Prep	
880-10291-23	SW23	Total/NA	Solid	8015NM Prep	
880-10291-24	SW24	Total/NA	Solid	8015NM Prep	
880-10291-25	SW25	Total/NA	Solid	8015NM Prep	
880-10291-26	SW26	Total/NA	Solid	8015NM Prep	
880-10291-27	SW27	Total/NA	Solid	8015NM Prep	
880-10291-28	SW28	Total/NA	Solid	8015NM Prep	
880-10291-29	SW29	Total/NA	Solid	8015NM Prep	
880-10291-30	SW30	Total/NA	Solid	8015NM Prep	
880-10291-31	SW31	Total/NA	Solid	8015NM Prep	
880-10291-32	SW32	Total/NA	Solid	8015NM Prep	
880-10291-33	SW33	Total/NA	Solid	8015NM Prep	
880-10291-34	SW34	Total/NA	Solid	8015NM Prep	
880-10291-35	SW35	Total/NA	Solid	8015NM Prep	
880-10291-36	SW36	Total/NA	Solid	8015NM Prep	
880-10291-37	SW37	Total/NA	Solid	8015NM Prep	
880-10291-38	SW38	Total/NA	Solid	8015NM Prep	
880-10291-39	SW39	Total/NA	Solid	8015NM Prep	
880-10291-40	SW40	Total/NA	Solid	8015NM Prep	
MB 880-17164/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17164/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17164/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10291-21 MS	SW21	Total/NA	Solid	8015NM Prep	
880-10291-21 MSD	SW21	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

GC Semi VOA

Prep Batch: 17165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-41	SW41	Total/NA	Solid	8015NM Prep	
880-10291-42	SW42	Total/NA	Solid	8015NM Prep	
880-10291-43	SW43	Total/NA	Solid	8015NM Prep	
880-10291-44	SW44	Total/NA	Solid	8015NM Prep	
880-10291-45	SW45	Total/NA	Solid	8015NM Prep	
880-10291-46	SW46	Total/NA	Solid	8015NM Prep	
880-10291-47	SW47	Total/NA	Solid	8015NM Prep	
880-10291-48	SW48	Total/NA	Solid	8015NM Prep	
880-10291-49	SW49	Total/NA	Solid	8015NM Prep	
880-10291-50	SW50	Total/NA	Solid	8015NM Prep	
880-10291-51	SW51	Total/NA	Solid	8015NM Prep	
880-10291-52	SW52	Total/NA	Solid	8015NM Prep	
880-10291-53	SW53	Total/NA	Solid	8015NM Prep	
MB 880-17165/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17165/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17165/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10291-41 MS	SW41	Total/NA	Solid	8015NM Prep	
880-10291-41 MSD	SW41	Total/NA	Solid	8015NM Prep	

Analysis Batch: 17211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-21	SW21	Total/NA	Solid	8015B NM	17164
880-10291-22	SW22	Total/NA	Solid	8015B NM	17164
880-10291-23	SW23	Total/NA	Solid	8015B NM	17164
880-10291-24	SW24	Total/NA	Solid	8015B NM	17164
880-10291-25	SW25	Total/NA	Solid	8015B NM	17164
880-10291-26	SW26	Total/NA	Solid	8015B NM	17164
880-10291-27	SW27	Total/NA	Solid	8015B NM	17164
880-10291-28	SW28	Total/NA	Solid	8015B NM	17164
880-10291-29	SW29	Total/NA	Solid	8015B NM	17164
880-10291-30	SW30	Total/NA	Solid	8015B NM	17164
880-10291-31	SW31	Total/NA	Solid	8015B NM	17164
880-10291-32	SW32	Total/NA	Solid	8015B NM	17164
880-10291-33	SW33	Total/NA	Solid	8015B NM	17164
880-10291-34	SW34	Total/NA	Solid	8015B NM	17164
880-10291-35	SW35	Total/NA	Solid	8015B NM	17164
880-10291-36	SW36	Total/NA	Solid	8015B NM	17164
880-10291-37	SW37	Total/NA	Solid	8015B NM	17164
880-10291-38	SW38	Total/NA	Solid	8015B NM	17164
880-10291-39	SW39	Total/NA	Solid	8015B NM	17164
880-10291-40	SW40	Total/NA	Solid	8015B NM	17164
MB 880-17164/1-A	Method Blank	Total/NA	Solid	8015B NM	17164
LCS 880-17164/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17164
LCSD 880-17164/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17164
880-10291-21 MS	SW21	Total/NA	Solid	8015B NM	17164
880-10291-21 MSD	SW21	Total/NA	Solid	8015B NM	17164

Prep Batch: 17216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-54	SW54	Total/NA	Solid	8015NM Prep	
880-10291-55	SW55	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

GC Semi VOA (Continued)

Prep Batch: 17216 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-56	SW56	Total/NA	Solid	8015NM Prep	
MB 880-17216/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17216/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17216/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10289-A-101-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-10289-A-101-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 17328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-54	SW54	Total/NA	Solid	8015B NM	17216
880-10291-55	SW55	Total/NA	Solid	8015B NM	17216
880-10291-56	SW56	Total/NA	Solid	8015B NM	17216
MB 880-17216/1-A	Method Blank	Total/NA	Solid	8015B NM	17216
LCS 880-17216/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17216
LCSD 880-17216/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17216
880-10289-A-101-F MS	Matrix Spike	Total/NA	Solid	8015B NM	17216
880-10289-A-101-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	17216

Analysis Batch: 17379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-21	SW21	Total/NA	Solid	8015 NM	
880-10291-22	SW22	Total/NA	Solid	8015 NM	
880-10291-23	SW23	Total/NA	Solid	8015 NM	
880-10291-24	SW24	Total/NA	Solid	8015 NM	
880-10291-25	SW25	Total/NA	Solid	8015 NM	
880-10291-26	SW26	Total/NA	Solid	8015 NM	
880-10291-27	SW27	Total/NA	Solid	8015 NM	
880-10291-28	SW28	Total/NA	Solid	8015 NM	
880-10291-29	SW29	Total/NA	Solid	8015 NM	
880-10291-30	SW30	Total/NA	Solid	8015 NM	
880-10291-31	SW31	Total/NA	Solid	8015 NM	
880-10291-32	SW32	Total/NA	Solid	8015 NM	
880-10291-33	SW33	Total/NA	Solid	8015 NM	
880-10291-34	SW34	Total/NA	Solid	8015 NM	
880-10291-35	SW35	Total/NA	Solid	8015 NM	
880-10291-36	SW36	Total/NA	Solid	8015 NM	
880-10291-37	SW37	Total/NA	Solid	8015 NM	
880-10291-38	SW38	Total/NA	Solid	8015 NM	
880-10291-39	SW39	Total/NA	Solid	8015 NM	
880-10291-40	SW40	Total/NA	Solid	8015 NM	

Analysis Batch: 17641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-1	SW1	Total/NA	Solid	8015 NM	
880-10291-2	SW2	Total/NA	Solid	8015 NM	
880-10291-3	SW3	Total/NA	Solid	8015 NM	
880-10291-4	SW4	Total/NA	Solid	8015 NM	
880-10291-5	SW5	Total/NA	Solid	8015 NM	
880-10291-6	SW6	Total/NA	Solid	8015 NM	
880-10291-7	SW7	Total/NA	Solid	8015 NM	
880-10291-8	SW8	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

GC Semi VOA (Continued)

Analysis Batch: 17641 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-9	SW9	Total/NA	Solid	8015 NM	
880-10291-10	SW10	Total/NA	Solid	8015 NM	
880-10291-11	SW11	Total/NA	Solid	8015 NM	
880-10291-12	SW12	Total/NA	Solid	8015 NM	
880-10291-13	SW13	Total/NA	Solid	8015 NM	
880-10291-14	SW14	Total/NA	Solid	8015 NM	
880-10291-15	SW15	Total/NA	Solid	8015 NM	
880-10291-16	SW16	Total/NA	Solid	8015 NM	
880-10291-17	SW17	Total/NA	Solid	8015 NM	
880-10291-18	SW18	Total/NA	Solid	8015 NM	
880-10291-19	SW19	Total/NA	Solid	8015 NM	
880-10291-20	SW20	Total/NA	Solid	8015 NM	
880-10291-41	SW41	Total/NA	Solid	8015 NM	
880-10291-42	SW42	Total/NA	Solid	8015 NM	
880-10291-44	SW44	Total/NA	Solid	8015 NM	
880-10291-45	SW45	Total/NA	Solid	8015 NM	
880-10291-46	SW46	Total/NA	Solid	8015 NM	
880-10291-47	SW47	Total/NA	Solid	8015 NM	
880-10291-48	SW48	Total/NA	Solid	8015 NM	
880-10291-49	SW49	Total/NA	Solid	8015 NM	
880-10291-50	SW50	Total/NA	Solid	8015 NM	
880-10291-51	SW51	Total/NA	Solid	8015 NM	
880-10291-52	SW52	Total/NA	Solid	8015 NM	
880-10291-53	SW53	Total/NA	Solid	8015 NM	
880-10291-54	SW54	Total/NA	Solid	8015 NM	
880-10291-55	SW55	Total/NA	Solid	8015 NM	
880-10291-56	SW56	Total/NA	Solid	8015 NM	

Analysis Batch: 17829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-43	SW43	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 17138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-50	SW50	Soluble	Solid	DI Leach	
880-10291-51	SW51	Soluble	Solid	DI Leach	
880-10291-52	SW52	Soluble	Solid	DI Leach	
880-10291-53	SW53	Soluble	Solid	DI Leach	
880-10291-54	SW54	Soluble	Solid	DI Leach	
880-10291-55	SW55	Soluble	Solid	DI Leach	
880-10291-56	SW56	Soluble	Solid	DI Leach	
MB 880-17138/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17138/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17138/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10289-A-108-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-10289-A-108-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

HPLC/IC

Leach Batch: 17143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-1	SW1	Soluble	Solid	DI Leach	
880-10291-2	SW2	Soluble	Solid	DI Leach	
880-10291-3	SW3	Soluble	Solid	DI Leach	
880-10291-4	SW4	Soluble	Solid	DI Leach	
880-10291-5	SW5	Soluble	Solid	DI Leach	
880-10291-6	SW6	Soluble	Solid	DI Leach	
880-10291-7	SW7	Soluble	Solid	DI Leach	
880-10291-8	SW8	Soluble	Solid	DI Leach	
880-10291-9	SW9	Soluble	Solid	DI Leach	
880-10291-10	SW10	Soluble	Solid	DI Leach	
880-10291-11	SW11	Soluble	Solid	DI Leach	
880-10291-12	SW12	Soluble	Solid	DI Leach	
880-10291-13	SW13	Soluble	Solid	DI Leach	
880-10291-14	SW14	Soluble	Solid	DI Leach	
880-10291-15	SW15	Soluble	Solid	DI Leach	
880-10291-16	SW16	Soluble	Solid	DI Leach	
880-10291-17	SW17	Soluble	Solid	DI Leach	
880-10291-18	SW18	Soluble	Solid	DI Leach	
880-10291-19	SW19	Soluble	Solid	DI Leach	
880-10291-20	SW20	Soluble	Solid	DI Leach	
MB 880-17143/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17143/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17143/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10291-1 MS	SW1	Soluble	Solid	DI Leach	
880-10291-1 MSD	SW1	Soluble	Solid	DI Leach	
880-10291-11 MS	SW11	Soluble	Solid	DI Leach	
880-10291-11 MSD	SW11	Soluble	Solid	DI Leach	

Leach Batch: 17144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-21	SW21	Soluble	Solid	DI Leach	
880-10291-22	SW22	Soluble	Solid	DI Leach	
880-10291-23	SW23	Soluble	Solid	DI Leach	
880-10291-24	SW24	Soluble	Solid	DI Leach	
880-10291-25	SW25	Soluble	Solid	DI Leach	
880-10291-26	SW26	Soluble	Solid	DI Leach	
880-10291-27	SW27	Soluble	Solid	DI Leach	
880-10291-28	SW28	Soluble	Solid	DI Leach	
880-10291-29	SW29	Soluble	Solid	DI Leach	
880-10291-30	SW30	Soluble	Solid	DI Leach	
880-10291-31	SW31	Soluble	Solid	DI Leach	
880-10291-32	SW32	Soluble	Solid	DI Leach	
880-10291-33	SW33	Soluble	Solid	DI Leach	
880-10291-34	SW34	Soluble	Solid	DI Leach	
880-10291-35	SW35	Soluble	Solid	DI Leach	
880-10291-36	SW36	Soluble	Solid	DI Leach	
880-10291-37	SW37	Soluble	Solid	DI Leach	
880-10291-38	SW38	Soluble	Solid	DI Leach	
880-10291-39	SW39	Soluble	Solid	DI Leach	
880-10291-40	SW40	Soluble	Solid	DI Leach	
MB 880-17144/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

HPLC/IC (Continued)

Leach Batch: 17144 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-17144/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17144/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10291-21 MS	SW21	Soluble	Solid	DI Leach	
880-10291-21 MSD	SW21	Soluble	Solid	DI Leach	
880-10291-31 MS	SW31	Soluble	Solid	DI Leach	
880-10291-31 MSD	SW31	Soluble	Solid	DI Leach	

Leach Batch: 17256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-41	SW41	Soluble	Solid	DI Leach	
880-10291-42	SW42	Soluble	Solid	DI Leach	
880-10291-43	SW43	Soluble	Solid	DI Leach	
880-10291-44	SW44	Soluble	Solid	DI Leach	
880-10291-45	SW45	Soluble	Solid	DI Leach	
880-10291-46	SW46	Soluble	Solid	DI Leach	
880-10291-47	SW47	Soluble	Solid	DI Leach	
880-10291-48	SW48	Soluble	Solid	DI Leach	
MB 880-17256/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17256/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17256/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10291-41 MS	SW41	Soluble	Solid	DI Leach	
880-10291-41 MSD	SW41	Soluble	Solid	DI Leach	

Analysis Batch: 17321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-50	SW50	Soluble	Solid	300.0	17138
880-10291-51	SW51	Soluble	Solid	300.0	17138
880-10291-52	SW52	Soluble	Solid	300.0	17138
880-10291-53	SW53	Soluble	Solid	300.0	17138
880-10291-54	SW54	Soluble	Solid	300.0	17138
880-10291-55	SW55	Soluble	Solid	300.0	17138
880-10291-56	SW56	Soluble	Solid	300.0	17138
MB 880-17138/1-A	Method Blank	Soluble	Solid	300.0	17138
LCS 880-17138/2-A	Lab Control Sample	Soluble	Solid	300.0	17138
LCSD 880-17138/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17138
880-10289-A-108-C MS	Matrix Spike	Soluble	Solid	300.0	17138
880-10289-A-108-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	17138

Leach Batch: 17338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-49	SW49	Soluble	Solid	DI Leach	
MB 880-17338/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17338/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17338/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10291-49 MS	SW49	Soluble	Solid	DI Leach	
880-10291-49 MSD	SW49	Soluble	Solid	DI Leach	

Analysis Batch: 17344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-41	SW41	Soluble	Solid	300.0	17256
880-10291-42	SW42	Soluble	Solid	300.0	17256

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

HPLC/IC (Continued)

Analysis Batch: 17344 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-43	SW43	Soluble	Solid	300.0	17256
880-10291-44	SW44	Soluble	Solid	300.0	17256
880-10291-45	SW45	Soluble	Solid	300.0	17256
880-10291-46	SW46	Soluble	Solid	300.0	17256
880-10291-47	SW47	Soluble	Solid	300.0	17256
880-10291-48	SW48	Soluble	Solid	300.0	17256
MB 880-17256/1-A	Method Blank	Soluble	Solid	300.0	17256
LCS 880-17256/2-A	Lab Control Sample	Soluble	Solid	300.0	17256
LCSD 880-17256/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17256
880-10291-41 MS	SW41	Soluble	Solid	300.0	17256
880-10291-41 MSD	SW41	Soluble	Solid	300.0	17256

Analysis Batch: 17409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-21	SW21	Soluble	Solid	300.0	17144
880-10291-22	SW22	Soluble	Solid	300.0	17144
880-10291-23	SW23	Soluble	Solid	300.0	17144
880-10291-24	SW24	Soluble	Solid	300.0	17144
880-10291-25	SW25	Soluble	Solid	300.0	17144
880-10291-26	SW26	Soluble	Solid	300.0	17144
880-10291-27	SW27	Soluble	Solid	300.0	17144
880-10291-28	SW28	Soluble	Solid	300.0	17144
880-10291-29	SW29	Soluble	Solid	300.0	17144
880-10291-30	SW30	Soluble	Solid	300.0	17144
880-10291-31	SW31	Soluble	Solid	300.0	17144
880-10291-32	SW32	Soluble	Solid	300.0	17144
880-10291-33	SW33	Soluble	Solid	300.0	17144
880-10291-34	SW34	Soluble	Solid	300.0	17144
880-10291-35	SW35	Soluble	Solid	300.0	17144
880-10291-36	SW36	Soluble	Solid	300.0	17144
880-10291-37	SW37	Soluble	Solid	300.0	17144
880-10291-38	SW38	Soluble	Solid	300.0	17144
880-10291-39	SW39	Soluble	Solid	300.0	17144
880-10291-40	SW40	Soluble	Solid	300.0	17144
MB 880-17144/1-A	Method Blank	Soluble	Solid	300.0	17144
LCS 880-17144/2-A	Lab Control Sample	Soluble	Solid	300.0	17144
LCSD 880-17144/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17144
880-10291-21 MS	SW21	Soluble	Solid	300.0	17144
880-10291-21 MSD	SW21	Soluble	Solid	300.0	17144
880-10291-31 MS	SW31	Soluble	Solid	300.0	17144
880-10291-31 MSD	SW31	Soluble	Solid	300.0	17144

Analysis Batch: 17410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-1	SW1	Soluble	Solid	300.0	17143
880-10291-2	SW2	Soluble	Solid	300.0	17143
880-10291-3	SW3	Soluble	Solid	300.0	17143
880-10291-4	SW4	Soluble	Solid	300.0	17143
880-10291-5	SW5	Soluble	Solid	300.0	17143
880-10291-6	SW6	Soluble	Solid	300.0	17143
880-10291-7	SW7	Soluble	Solid	300.0	17143

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

HPLC/IC (Continued)

Analysis Batch: 17410 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-8	SW8	Soluble	Solid	300.0	17143
880-10291-9	SW9	Soluble	Solid	300.0	17143
880-10291-10	SW10	Soluble	Solid	300.0	17143
880-10291-11	SW11	Soluble	Solid	300.0	17143
880-10291-12	SW12	Soluble	Solid	300.0	17143
880-10291-13	SW13	Soluble	Solid	300.0	17143
880-10291-14	SW14	Soluble	Solid	300.0	17143
880-10291-15	SW15	Soluble	Solid	300.0	17143
880-10291-16	SW16	Soluble	Solid	300.0	17143
880-10291-17	SW17	Soluble	Solid	300.0	17143
880-10291-18	SW18	Soluble	Solid	300.0	17143
880-10291-19	SW19	Soluble	Solid	300.0	17143
880-10291-20	SW20	Soluble	Solid	300.0	17143
MB 880-17143/1-A	Method Blank	Soluble	Solid	300.0	17143
LCS 880-17143/2-A	Lab Control Sample	Soluble	Solid	300.0	17143
LCSD 880-17143/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17143
880-10291-1 MS	SW1	Soluble	Solid	300.0	17143
880-10291-1 MSD	SW1	Soluble	Solid	300.0	17143
880-10291-11 MS	SW11	Soluble	Solid	300.0	17143
880-10291-11 MSD	SW11	Soluble	Solid	300.0	17143

Analysis Batch: 17519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10291-49	SW49	Soluble	Solid	300.0	17338
MB 880-17338/1-A	Method Blank	Soluble	Solid	300.0	17338
LCS 880-17338/2-A	Lab Control Sample	Soluble	Solid	300.0	17338
LCSD 880-17338/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17338
880-10291-49 MS	SW49	Soluble	Solid	300.0	17338
880-10291-49 MSD	SW49	Soluble	Solid	300.0	17338

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW1

Lab Sample ID: 880-10291-1

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 22:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/18/22 21:05	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/20/22 21:07	CH	XEN MID

Client Sample ID: SW2

Lab Sample ID: 880-10291-2

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 23:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/18/22 22:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/20/22 21:30	CH	XEN MID

Client Sample ID: SW3

Lab Sample ID: 880-10291-3

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 23:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/18/22 22:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/20/22 21:37	CH	XEN MID

Client Sample ID: SW4

Lab Sample ID: 880-10291-4

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/19/22 23:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW4

Lab Sample ID: 880-10291-4

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/18/22 22:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/20/22 21:45	CH	XEN MID

Client Sample ID: SW5

Lab Sample ID: 880-10291-5

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/20/22 00:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/18/22 23:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/20/22 21:52	CH	XEN MID

Client Sample ID: SW6

Lab Sample ID: 880-10291-6

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/20/22 00:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/18/22 23:33	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/20/22 22:15	CH	XEN MID

Client Sample ID: SW7

Lab Sample ID: 880-10291-7

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/20/22 00:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/18/22 23:55	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW7

Lab Sample ID: 880-10291-7

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/20/22 22:23	CH	XEN MID

Client Sample ID: SW8

Lab Sample ID: 880-10291-8

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/20/22 01:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/19/22 00:16	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/20/22 22:30	CH	XEN MID

Client Sample ID: SW9

Lab Sample ID: 880-10291-9

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/20/22 01:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/19/22 00:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/20/22 22:38	CH	XEN MID

Client Sample ID: SW10

Lab Sample ID: 880-10291-10

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/20/22 01:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/19/22 00:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/20/22 22:45	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW11

Lab Sample ID: 880-10291-11

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/20/22 03:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/19/22 01:42	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/20/22 22:53	CH	XEN MID

Client Sample ID: SW12

Lab Sample ID: 880-10291-12

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/20/22 04:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/19/22 02:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/20/22 23:15	CH	XEN MID

Client Sample ID: SW13

Lab Sample ID: 880-10291-13

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/20/22 04:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/19/22 02:25	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/20/22 23:23	CH	XEN MID

Client Sample ID: SW14

Lab Sample ID: 880-10291-14

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/20/22 04:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW14

Lab Sample ID: 880-10291-14

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/19/22 02:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/20/22 23:46	CH	XEN MID

Client Sample ID: SW15

Lab Sample ID: 880-10291-15

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/20/22 05:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/19/22 03:08	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/20/22 23:53	CH	XEN MID

Client Sample ID: SW16

Lab Sample ID: 880-10291-16

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/20/22 05:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/19/22 03:30	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/21/22 00:01	CH	XEN MID

Client Sample ID: SW17

Lab Sample ID: 880-10291-17

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/20/22 05:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/19/22 03:51	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW17

Lab Sample ID: 880-10291-17

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/21/22 00:08	CH	XEN MID

Client Sample ID: SW18

Lab Sample ID: 880-10291-18

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/20/22 06:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/19/22 04:12	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/21/22 00:16	CH	XEN MID

Client Sample ID: SW19

Lab Sample ID: 880-10291-19

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/20/22 06:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/19/22 04:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/21/22 00:23	CH	XEN MID

Client Sample ID: SW20

Lab Sample ID: 880-10291-20

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17111	01/18/22 09:29	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17207	01/20/22 06:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17163	01/18/22 13:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17092	01/19/22 04:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	17143	01/18/22 11:44	CH	XEN MID
Soluble	Analysis	300.0		1			17410	01/21/22 00:31	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW21

Lab Sample ID: 880-10291-21

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17112	01/18/22 09:31	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/20/22 01:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 20:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 17:38	CH	XEN MID

Client Sample ID: SW22

Lab Sample ID: 880-10291-22

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	17112	01/18/22 09:31	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/20/22 02:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 21:51	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 18:13	CH	XEN MID

Client Sample ID: SW23

Lab Sample ID: 880-10291-23

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17112	01/18/22 09:31	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/20/22 02:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 22:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 18:25	CH	XEN MID

Client Sample ID: SW24

Lab Sample ID: 880-10291-24

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17112	01/18/22 09:31	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/20/22 02:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW24

Lab Sample ID: 880-10291-24

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 22:34	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 18:37	CH	XEN MID

Client Sample ID: SW25

Lab Sample ID: 880-10291-25

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	17112	01/18/22 09:31	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/20/22 03:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 22:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 18:49	CH	XEN MID

Client Sample ID: SW26

Lab Sample ID: 880-10291-26

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17112	01/18/22 09:31	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/20/22 03:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 23:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 19:25	CH	XEN MID

Client Sample ID: SW27

Lab Sample ID: 880-10291-27

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17112	01/18/22 09:31	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/20/22 04:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 23:36	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW27

Lab Sample ID: 880-10291-27

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 19:36	CH	XEN MID

Client Sample ID: SW28

Lab Sample ID: 880-10291-28

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17112	01/18/22 09:31	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/20/22 04:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/19/22 23:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 19:48	CH	XEN MID

Client Sample ID: SW29

Lab Sample ID: 880-10291-29

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17112	01/18/22 09:31	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/20/22 05:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/20/22 00:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 20:00	CH	XEN MID

Client Sample ID: SW30

Lab Sample ID: 880-10291-30

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17112	01/18/22 09:31	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17208	01/20/22 05:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17387	01/20/22 15:46	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/20/22 00:37	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 20:12	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW31

Lab Sample ID: 880-10291-31

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17283	01/21/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 20:39	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/20/22 01:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 20:24	CH	XEN MID

Client Sample ID: SW32

Lab Sample ID: 880-10291-32

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17283	01/21/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 21:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/20/22 01:39	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 20:59	CH	XEN MID

Client Sample ID: SW33

Lab Sample ID: 880-10291-33

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17283	01/21/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 21:21	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/20/22 01:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 21:11	CH	XEN MID

Client Sample ID: SW34

Lab Sample ID: 880-10291-34

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	17283	01/21/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 21:42	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW34

Lab Sample ID: 880-10291-34

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/20/22 02:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 21:47	CH	XEN MID

Client Sample ID: SW35

Lab Sample ID: 880-10291-35

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	17283	01/21/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 22:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/20/22 02:41	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 21:59	CH	XEN MID

Client Sample ID: SW36

Lab Sample ID: 880-10291-36

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	17283	01/21/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 22:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/20/22 03:01	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 22:10	CH	XEN MID

Client Sample ID: SW37

Lab Sample ID: 880-10291-37

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17283	01/21/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 22:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/20/22 03:22	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW37

Lab Sample ID: 880-10291-37

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 22:22	CH	XEN MID

Client Sample ID: SW38

Lab Sample ID: 880-10291-38

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17283	01/21/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 23:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/20/22 03:42	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 22:34	CH	XEN MID

Client Sample ID: SW39

Lab Sample ID: 880-10291-39

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17283	01/21/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 23:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/20/22 04:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 22:46	CH	XEN MID

Client Sample ID: SW40

Lab Sample ID: 880-10291-40

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17283	01/21/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 23:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17379	01/20/22 15:29	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17164	01/18/22 13:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17211	01/20/22 04:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17144	01/18/22 11:47	CH	XEN MID
Soluble	Analysis	300.0		1			17409	01/20/22 22:58	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW41

Lab Sample ID: 880-10291-41

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17283	01/21/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 16:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17165	01/18/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17089	01/18/22 21:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17256	01/19/22 11:52	CH	XEN MID
Soluble	Analysis	300.0		1			17344	01/20/22 09:39	CH	XEN MID

Client Sample ID: SW42

Lab Sample ID: 880-10291-42

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17283	01/21/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 16:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17165	01/18/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17089	01/18/22 22:20	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17256	01/19/22 11:52	CH	XEN MID
Soluble	Analysis	300.0		1			17344	01/20/22 10:04	CH	XEN MID

Client Sample ID: SW43

Lab Sample ID: 880-10291-43

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17283	01/21/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 16:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17829	01/26/22 16:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17165	01/18/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17089	01/18/22 22:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17256	01/19/22 11:52	CH	XEN MID
Soluble	Analysis	300.0		1			17344	01/20/22 10:13	CH	XEN MID

Client Sample ID: SW44

Lab Sample ID: 880-10291-44

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17283	01/21/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 17:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW44

Lab Sample ID: 880-10291-44

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17165	01/18/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17089	01/18/22 23:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17256	01/19/22 11:52	CH	XEN MID
Soluble	Analysis	300.0		1			17344	01/20/22 10:21	CH	XEN MID

Client Sample ID: SW45

Lab Sample ID: 880-10291-45

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	17283	01/21/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 17:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17165	01/18/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17089	01/18/22 23:24	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	17256	01/19/22 11:52	CH	XEN MID
Soluble	Analysis	300.0		1			17344	01/20/22 10:29	CH	XEN MID

Client Sample ID: SW46

Lab Sample ID: 880-10291-46

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17283	01/21/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 17:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17165	01/18/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17089	01/18/22 23:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17256	01/19/22 11:52	CH	XEN MID
Soluble	Analysis	300.0		1			17344	01/20/22 10:54	CH	XEN MID

Client Sample ID: SW47

Lab Sample ID: 880-10291-47

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17283	01/21/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 18:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17165	01/18/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17089	01/19/22 00:07	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW47

Lab Sample ID: 880-10291-47

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	17256	01/19/22 11:52	CH	XEN MID
Soluble	Analysis	300.0		1			17344	01/20/22 11:03	CH	XEN MID

Client Sample ID: SW48

Lab Sample ID: 880-10291-48

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	17283	01/21/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 18:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17165	01/18/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17089	01/19/22 00:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17256	01/19/22 11:52	CH	XEN MID
Soluble	Analysis	300.0		1			17344	01/20/22 11:11	CH	XEN MID

Client Sample ID: SW49

Lab Sample ID: 880-10291-49

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17283	01/21/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 18:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17165	01/18/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17089	01/19/22 00:52	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17338	01/20/22 09:22	CH	XEN MID
Soluble	Analysis	300.0		1			17519	01/22/22 18:01	CH	XEN MID

Client Sample ID: SW50

Lab Sample ID: 880-10291-50

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	17283	01/21/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17417	01/21/22 19:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17165	01/18/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17089	01/19/22 01:14	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 07:42	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW51

Lab Sample ID: 880-10291-51

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/20/22 04:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17165	01/18/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17089	01/19/22 02:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 07:50	CH	XEN MID

Client Sample ID: SW52

Lab Sample ID: 880-10291-52

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/20/22 05:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17165	01/18/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17089	01/19/22 02:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 07:59	CH	XEN MID

Client Sample ID: SW53

Lab Sample ID: 880-10291-53

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/20/22 05:22	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	17165	01/18/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17089	01/19/22 02:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 08:07	CH	XEN MID

Client Sample ID: SW54

Lab Sample ID: 880-10291-54

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/20/22 05:43	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Client Sample ID: SW54

Lab Sample ID: 880-10291-54

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 18:22	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 08:16	CH	XEN MID

Client Sample ID: SW55

Lab Sample ID: 880-10291-55

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/20/22 06:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 18:42	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 08:24	CH	XEN MID

Client Sample ID: SW56

Lab Sample ID: 880-10291-56

Date Collected: 01/14/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17110	01/18/22 09:26	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17206	01/20/22 06:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17216	01/19/22 08:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/20/22 19:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17138	01/18/22 11:32	CH	XEN MID
Soluble	Analysis	300.0		1			17321	01/20/22 08:32	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

Accreditation/Certification Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

Sample Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-10291-1	SW1	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-2	SW2	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-3	SW3	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-4	SW4	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-5	SW5	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-6	SW6	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-7	SW7	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-8	SW8	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-9	SW9	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-10	SW10	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-11	SW11	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-12	SW12	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-13	SW13	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-14	SW14	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-15	SW15	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-16	SW16	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-17	SW17	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-18	SW18	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-19	SW19	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-20	SW20	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-21	SW21	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-22	SW22	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-23	SW23	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-24	SW24	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-25	SW25	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-26	SW26	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-27	SW27	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-28	SW28	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-29	SW29	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-30	SW30	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-31	SW31	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-32	SW32	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-33	SW33	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-34	SW34	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-35	SW35	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-36	SW36	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-37	SW37	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-38	SW38	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-39	SW39	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-40	SW40	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-41	SW41	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-42	SW42	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-43	SW43	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-44	SW44	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-45	SW45	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-46	SW46	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-47	SW47	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-48	SW48	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-49	SW49	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-50	SW50	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-51	SW51	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-52	SW52	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-53	SW53	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-54	SW54	Solid	01/14/22 00:00	01/18/22 00:00	1'
880-10291-55	SW55	Solid	01/14/22 00:00	01/18/22 00:00	1'

Sample Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10291-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-10291-56	SW56	Solid	01/14/22 00:00	01/18/22 00:00	1'

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



Xenoco
Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Chain of Custody



880-10291 Chain of Custody

www.xenoco.com

Page 1 of 6

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Lovington, NM 88260	City, State ZIP	Midland TX 79702
Phone	575 393-3386	Email	arickard@cambrannmngmt.com and pm@hungry-horse.com

Work Order Comments			
Program: UST/PST	☐ PRR	☐ Brownfields	☐ RRC ☐ Superfund
State of Project:			
Reporting Level II	☐ Level III	☐ PST/UST	☐ RRP ☐ Level IV
Deliverables EDD	☐ ADAPT	☐ Other	

Project Name	ARU #16	Turn Around	☒ Routine ☐ Rush	Pres. Code	
Project Number		Due Date			
Project Location	Bradley Wells	TAT starts the day received by the lab if received by 4:30pm			
Sampler's Name					
PO #					
SAMPLE RECEIPT					
Samples Received Intact	Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐	
Cooler Custody Seals	Thermometer ID				
Sample Custody Seals	Correction Factor				
Total Containers	Temperature Reading				
	Corrected Temperature				

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
							CHL	BTEX	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
SW1	Soil	1/14/22		1'	C	1	X	X	X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

Total 200.7 / 6010 200.8 / 6020:

8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenoco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenoco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenoco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenoco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time

[illegible]

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Chain of Custody

Work Order No: 10291

www.xenco.com Page 2 of 6

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Lovington NM 88260	City, State ZIP	Midland TX 79702
Phone.	575 393-3386	Email	arickard@cambrainngmt.com and pm@hungry-horse.com

Work Order Comments	
Program: UST/PST ☐ PPR ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name	ARU #16	Turn Around		☒ Routine	☐ Rush	Pres. Code									Preservative Codes	
Project Number															None NO	DI Water- H ₂ O
Project Location				Due Date											Cool Cool	MeOH Me
Sampler's Name	Bradley Wells			TAT starts the day received by the lab if received by 4:30pm											HCL HC	HNO ₃ HN
PO #:															H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT		Temp Blank	Yes No	Thermometer ID	Wet Ice	Yes No										H ₃ PO ₄ HP
Samples Received Intact:	(Yes) No					IPQ										NaHSO ₄ NABIS
Cooler Custody Seals	Yes No	N/A		Correction Factor		.10										Na ₂ S ₂ O ₃ NASO ₃
Sample Custody Seals	Yes No	N/A		Temperature Reading		27										Zn Acetate+NaOH Zn
Total Containers				Corrected Temperature		28										NaOH+Ascorbic Acid SAPC

[illegible]

Total	200.7 / 6010	200.8 / 6020:
Circle Method(s) and Metal(s) to be analyzed	8RCRA TCLP / SPLP 6010	13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U

Notice: Signature of this document for the relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xeno, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xeno will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xeno. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xeno, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>S. Willy</i>	<i>WJR</i>	1-17-1982	2 <i>WJR</i>	<i>Johnstone</i>	1-18-82 1113
3			4		
5			6		



Two Step
Xenoco

Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs NM (575) 392 7550 Carlsbad NM (575) 988-3199

Work Order No: 10291

www.xenoco.com Page 3 of 6

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Loveington, NM 88260	City, State ZIP	Midland TX 79702
Phone	575 393-3386	Email	arickard@cambramgmt.com and pm@hungry-horse.com

Work Order Comments	
Program: UST/PST	☐ PRR ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting Level II	☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD	☐ ADAPT ☐ Other

Project Name	ARU #16	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes		
Project Number																None NO		
Project Location		Due Date														Cool Cool		
Sampler's Name	Bradley Wells	TAT starts the day received by the lab if received by 4 30pm														HCL HC		
PO #																H ₂ SO ₄ H ₂		
SAMPLE RECEIPT	Temp Blank	Yes	(No)	Wet Ice	(Yes)	No											H ₃ PO ₄ HP	
Samples Received Intact	(Yes)	No		Thermometer ID													NaHSO ₄ NABIS	
Cooler Custody Seals	Yes	No	(N/A)	Correction Factor													Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes	No	(N/A)	Temperature Reading													Zn Acetate+NaOH Zn	
Total Containers		Corrected Temperature			2.8											NaOH+Ascorbic Acid SAPC		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	CHLORIDE	BTEX	TPH											Sample Comments
SW21	Soil	1/14/22		1'	C	1	X	X	X											
SW22	Soil	1/14/22		1'	C	1	X	X	X											
SW23	Soil	1/14/22		1'	C	1	X	X	X											
SW24	Soil	1/14/22		1'	C	1	X	X	X											
SW25	Soil	1/14/22		1'	C	1	X	X	X											
SW26	Soil	1/14/22		1'	C	1	X	X	X											
SW27	Soil	1/14/22		1'	C	1	X	X	X											
SW28	Soil	1/14/22		1'	C	1	X	X	X											
SW29	Soil	1/14/22		1'	C	1	X	X	X											
SW30	Soil	1/14/22		1'	C	1	X	X	X											

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SIO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>[Signature]</i>	2 <i>[Signature]</i>	9/24/17	3 <i>[Signature]</i>	4 <i>[Signature]</i>	10/22/17
5			6		



Xenoco

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Chain of Custody

Work Order No: 10291

www.xenoco.com Page 4 of 6

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Lovington, NM 88260	City, State ZIP	Midland TX 79702
Phone	575 393-3386	Email	arickard@cambranmgt.com and pm@hungry-horse.com

Work Order Comments Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐ State of Project: _____ Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐ Deliverables EDD ☐ ADAPT ☐ Other _____	

Project Name	ARU #16	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number		Due Date														None NO DI Water H ₂ O	
Project Location		TAT starts the day received by the lab if received by 4:30pm														Cool Cool MeOH Me	
Sampler's Name	Bradley Wells															HCL HC HNO ₃ HN	
PO #																H ₂ SO ₄ H ₂ NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes	☒ NO	Wet Ice	☒ YES ☐ NO											H ₃ PO ₄ HP	
Samples Received Intact	Yes	☒ NO		Thermometer ID	10											NaHSO ₄ NABIS	
Cooler Custody Seals	Yes	☒ NO		Correction Factor	1.0											Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes	☒ NO		Temperature Reading	2.7											Zn Acetate+NaOH Zn	
Total Containers				Corrected Temperature	2.8											NaOH+Ascorbic Acid SAPC	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	CHLORIDE	BTEX	TPH											Sample Comments
SW31	Soil	1/14/22		1'	C	1	X	X	X											
SW32	Soil	1/14/22		1'	C	1	X	X	X											
SW33	Soil	1/14/22		1'	C	1	X	X	X											
SW34	Soil	1/14/22		1'	C	1	X	X	X											
SW35	Soil	1/14/22		1'	C	1	X	X	X											
SW36	Soil	1/14/22		1'	C	1	X	X	X											
SW37	Soil	1/14/22		1'	C	1	X	X	X											
SW38	Soil	1/14/22		1'	C	1	X	X	X											
SW39	Soil	1/14/22		1'	C	1	X	X	X											
SW40	Soil	1/14/22		1'	C	1	X	X	X											

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenoco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenoco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenoco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenoco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	1/17/22 5:52	<u>[Signature]</u>	<u>[Signature]</u>	1/18/22 11:13



Eurofins
Xenoco

Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 10291

www.xenoco.com Page 5 of 6

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City State ZIP	Lovington, NM 88260	City, State ZIP	Midland TX 79702
Phone	575 393-3386	Email	arickard@cambranmgt.com and pm@hungry-horse.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund
State of Project:	
Reporting Level II	☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV
Deliverables EDD	☐ ADAPT ☐ Other

Project Name	ARU #16	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number		Due Date														None NO	DI Water H ₂ O
Project Location		TAT starts the day received by the lab if received by 4:30pm														Cool Cool	MeOH Me
Sampler's Name	Bradley Wells															HCL HC	HNO ₃ HN
PO #																H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT		Temp Blank	Yes	No	Wet Ice	Yes	No									H ₃ PO ₄ HP	
Samples Received Intact	Yes	No	Thermometer ID													NaHSO ₄ NABIS	
Cooler Custody Seals	Yes	No	Correction Factor													Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes	No	Temperature Reading													Zn Acetate+NaOH Zn	
Total Containers		Corrected Temperature													NaOH+Ascorbic Acid S APC		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	9										Sample Comments		
							CHLORIDE	BTEX	TPH										
SW41	Soil	1/14/22		1'	C	1	X	X	X										
SW42	Soil	1/14/22		1'	C	1	X	X	X										
SW43	Soil	1/14/22		1'	C	1	X	X	X										
SW44	Soil	1/14/22		1'	C	1	X	X	X										
SW45	Soil	1/14/22		1'	C	1	X	X	X										
SW46	Soil	1/14/22		1'	C	1	X	X	X										
SW47	Soil	1/14/22		1'	C	1	X	X	X										
SW48	Soil	1/14/22		1'	C	1	X	X	X										
SW49	Soil	1/14/22		1'	C	1	X	X	X										
SW50	Soil	1/14/22		1'	C	1	X	X	X										

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenoco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenoco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenoco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenoco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
		4/17/9/53			11-18-22 11:13

[illegible]

Chain of Custody

Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 10291

www.xenco.com Page 6 of 6

Project Manager	Daniel Dominguez	Bill to (if different)	Andy Rickard
Company Name	Hungry Horse LLC	Company Name	Grand Banks Energy Co
Address	4024 Plains Hwy	Address	PO Box 272
City, State ZIP	Lovington NIM 88260	City, State ZIP	Midland TX 79702
Phone	575 393-3386	Email	arickard@cambridramgmt.com and pm@hungry-horse.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name	ARU #16	Turn Around		ANALYSIS REQUEST								Preservative Codes				
Project Number		☒ Routine	☐ Rush	Pres. Code									None	NO	DI Water	H ₂ O
Project Location		Due Date											Cool	Cool	MeOH	Me
Sampler's Name	Bradley Wells	TAT starts the day received by the lab if received by 4 30pm											HCL	HC	HNO ₃	HN
PO #													H ₂ SO ₄	H ₂	NaOH	Na
SAMPLE RECEIPT	Temp Blank	Yes	☒ No	Wet Ice	☒ Yes	☐ No							H ₃ PO ₄	HP		
	Samples Received Intact.	☒ Yes	☐ No	Thermometer ID		IP8							NaHSO ₄	NABIS		
	Cooler Custody Seals	Yes	☐ No	☒ N/A	Correction Factor	1.0							Na ₂ S ₂ O ₃	NaSO ₃		
	Sample Custody Seals	Yes	☐ No	☒ N/A	Temperature Reading	27							Zn Acetate	NaOH	Zn	
	Total Containers			Corrected Temperature.		2.8							NaOH+Ascorbic Acid	SAPC		

[illegible]

Total 200.7 / 6010	200.8 / 6020:	
8RCRA 13PPM	Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
TCLP / SPLP 6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg 1631 / 245.1 / 7470 / 7477

notice signature on this document and reimbursement of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	1-17-95	2 <i>[Signature]</i>	<i>[Signature]</i>	1-18-92 11:13
3			4		
5			6		

Login Sample Receipt Checklist

Client: Hungry Horse LLC

Job Number: 880-10291-1

Login Number: 10291

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-10292-1
Client Project/Site: ARU #16

For:

Hungry Horse LLC
PO BOX 1058
Hobbs, New Mexico 88241

Attn: Lindsey Nevels

A handwritten signature in black ink that reads "Holly Taylor".

Authorized for release by:
1/25/2022 5:42:02 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Hungry Horse LLC
Project/Site: ARU #16

Laboratory Job ID: 880-10292-1

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	14
Lab Chronicle	16
Certification Summary	17
Method Summary	18
Sample Summary	19
Chain of Custody	20
Receipt Checklists	21

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Midland

Case Narrative

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

Job ID: 880-10292-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-10292-1****Comments**

No additional comments.

Receipt

The samples were received on 1/18/2022 11:13 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8° C.

GC VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: HZ1b (880-10292-1), HZ1b (880-10292-2), (880-10292-A-1-D MS) and (880-10292-A-1-E MSD). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-17139 and analytical batch 880-17187 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

Client Sample ID: HZ1b

Lab Sample ID: 880-10292-1

Date Collected: 01/17/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: Surf

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg	-	01/18/22 16:00	01/18/22 18:57	1
Toluene	<0.00200	U	0.00200	mg/Kg	-	01/18/22 16:00	01/18/22 18:57	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg	-	01/18/22 16:00	01/18/22 18:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg	-	01/18/22 16:00	01/18/22 18:57	1
o-Xylene	<0.00200	U	0.00200	mg/Kg	-	01/18/22 16:00	01/18/22 18:57	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg	-	01/18/22 16:00	01/18/22 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	01/18/22 16:00	01/18/22 18:57	1
1,4-Difluorobenzene (Surr)	88		70 - 130	01/18/22 16:00	01/18/22 18:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg	-		01/19/22 09:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg	-		01/24/22 16:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	49.9	mg/Kg	-	01/19/22 08:54	01/21/22 02:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg	-	01/19/22 08:54	01/21/22 02:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg	-	01/19/22 08:54	01/21/22 02:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130	01/19/22 08:54	01/21/22 02:09	1
o-Terphenyl	69	S1-	70 - 130	01/19/22 08:54	01/21/22 02:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	331		4.98	mg/Kg	-		01/20/22 01:34	1

Client Sample ID: HZ1b

Lab Sample ID: 880-10292-2

Date Collected: 01/17/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg	-	01/19/22 07:30	01/20/22 11:39	1
Toluene	<0.00202	U	0.00202	mg/Kg	-	01/19/22 07:30	01/20/22 11:39	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg	-	01/19/22 07:30	01/20/22 11:39	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg	-	01/19/22 07:30	01/20/22 11:39	1
o-Xylene	<0.00202	U	0.00202	mg/Kg	-	01/19/22 07:30	01/20/22 11:39	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg	-	01/19/22 07:30	01/20/22 11:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	01/19/22 07:30	01/20/22 11:39	1

Eurofins Midland

Client Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

Client Sample ID: HZ1b

Lab Sample ID: 880-10292-2

Date Collected: 01/17/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	128		70 - 130	01/19/22 07:30	01/20/22 11:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/24/22 17:18	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/24/22 16:33	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/19/22 08:54	01/21/22 03:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/19/22 08:54	01/21/22 03:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/19/22 08:54	01/21/22 03:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130			01/19/22 08:54	01/21/22 03:11	1
o-Terphenyl	67	S1-	70 - 130			01/19/22 08:54	01/21/22 03:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.26		4.95	mg/Kg			01/20/22 00:19	1

Eurofins Midland

Surrogate Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-10287-A-1-A MS	Matrix Spike	101	107
880-10287-A-1-B MSD	Matrix Spike Duplicate	103	106
880-10292-1	HZ1b	121	88
880-10292-2	HZ1b	115	128
880-10292-2 MS	HZ1b	115	102
880-10292-2 MSD	HZ1b	102	86
LCS 880-17053/1-A	Lab Control Sample	105	95
LCS 880-17131/1-A	Lab Control Sample	108	93
LCSD 880-17053/2-A	Lab Control Sample Dup	104	103
LCSD 880-17131/2-A	Lab Control Sample Dup	109	94
MB 880-17053/5-A	Method Blank	107	97
MB 880-17131/5-A	Method Blank	123	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-10292-1	HZ1b	65 S1-	69 S1-
880-10292-1 MS	HZ1b	64 S1-	56 S1-
880-10292-1 MSD	HZ1b	66 S1-	59 S1-
880-10292-2	HZ1b	68 S1-	67 S1-
LCS 880-17217/2-A	Lab Control Sample	99	94
LCSD 880-17217/3-A	Lab Control Sample Dup	102	98
MB 880-17217/1-A	Method Blank	74	82

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-17053/5-A

Matrix: Solid

Analysis Batch: 17099

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17053

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/18/22 07:30	01/18/22 11:05	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/18/22 07:30	01/18/22 11:05	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/18/22 07:30	01/18/22 11:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/18/22 07:30	01/18/22 11:05	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/18/22 07:30	01/18/22 11:05	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/18/22 07:30	01/18/22 11:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	01/18/22 07:30	01/18/22 11:05	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/18/22 07:30	01/18/22 11:05	1

Lab Sample ID: LCS 880-17053/1-A

Matrix: Solid

Analysis Batch: 17099

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17053

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08010		mg/Kg		80	70 - 130
Toluene	0.100	0.07594		mg/Kg		76	70 - 130
Ethylbenzene	0.100	0.07498		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	0.200	0.1593		mg/Kg		80	70 - 130
o-Xylene	0.100	0.07852		mg/Kg		79	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-17053/2-A

Matrix: Solid

Analysis Batch: 17099

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17053

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09076		mg/Kg		91	70 - 130	12	35
Toluene	0.100	0.08309		mg/Kg		83	70 - 130	9	35
Ethylbenzene	0.100	0.08482		mg/Kg		85	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1773		mg/Kg		89	70 - 130	11	35
o-Xylene	0.100	0.08709		mg/Kg		87	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-10287-A-1-A MS

Matrix: Solid

Analysis Batch: 17099

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 17053

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U F1	0.0990	0.05290	F1	mg/Kg		53	70 - 130
Toluene	<0.00198	U F2 F1	0.0990	0.03796	F1	mg/Kg		38	70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-10287-A-1-A MS

Matrix: Solid

Analysis Batch: 17099

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 17053

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00198	U F2 F1	0.0990	0.03211	F1	mg/Kg		32	70 - 130
m-Xylene & p-Xylene	<0.00397	U F2 F1	0.198	0.06521	F1	mg/Kg		33	70 - 130
o-Xylene	<0.00198	U F2 F1	0.0990	0.03184	F1	mg/Kg		32	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-10287-A-1-B MSD

Matrix: Solid

Analysis Batch: 17099

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 17053

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00198	U F1	0.100	0.06430	F1	mg/Kg		64	70 - 130	19	35
Toluene	<0.00198	U F2 F1	0.100	0.05682	F2 F1	mg/Kg		57	70 - 130	40	35
Ethylbenzene	<0.00198	U F2 F1	0.100	0.05312	F2 F1	mg/Kg		53	70 - 130	49	35
m-Xylene & p-Xylene	<0.00397	U F2 F1	0.200	0.1137	F2 F1	mg/Kg		57	70 - 130	54	35
o-Xylene	<0.00198	U F2 F1	0.100	0.05086	F2 F1	mg/Kg		51	70 - 130	46	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: MB 880-17131/5-A

Matrix: Solid

Analysis Batch: 17325

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17131

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/19/22 07:30	01/20/22 11:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/19/22 07:30	01/20/22 11:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/19/22 07:30	01/20/22 11:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/19/22 07:30	01/20/22 11:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/19/22 07:30	01/20/22 11:10	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/19/22 07:30	01/20/22 11:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	01/19/22 07:30	01/20/22 11:10	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/19/22 07:30	01/20/22 11:10	1

Lab Sample ID: LCS 880-17131/1-A

Matrix: Solid

Analysis Batch: 17325

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17131

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09493		mg/Kg		95	70 - 130
Toluene	0.100	0.1015		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.09858		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.1931		mg/Kg		97	70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-17131/1-A

Matrix: Solid

Analysis Batch: 17325

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17131

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	0.100	0.09628		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-17131/2-A

Matrix: Solid

Analysis Batch: 17325

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17131

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09424		mg/Kg		94	70 - 130	1	35
Toluene	0.100	0.09680		mg/Kg		97	70 - 130	5	35
Ethylbenzene	0.100	0.1024		mg/Kg		102	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1998		mg/Kg		100	70 - 130	3	35
o-Xylene	0.100	0.09640		mg/Kg		96	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-10292-2 MS

Matrix: Solid

Analysis Batch: 17325

Client Sample ID: HZ1b

Prep Type: Total/NA

Prep Batch: 17131

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00202	U	0.100	0.09972		mg/Kg		99	70 - 130
Toluene	<0.00202	U	0.100	0.1050		mg/Kg		105	70 - 130
Ethylbenzene	<0.00202	U	0.100	0.1164		mg/Kg		116	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.201	0.2123		mg/Kg		106	70 - 130
o-Xylene	<0.00202	U	0.100	0.1030		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-10292-2 MSD

Matrix: Solid

Analysis Batch: 17325

Client Sample ID: HZ1b

Prep Type: Total/NA

Prep Batch: 17131

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00202	U	0.0990	0.08451		mg/Kg		85	70 - 130	17	35
Toluene	<0.00202	U	0.0990	0.09054		mg/Kg		91	70 - 130	15	35
Ethylbenzene	<0.00202	U	0.0990	0.09309		mg/Kg		94	70 - 130	22	35
m-Xylene & p-Xylene	<0.00403	U	0.198	0.1811		mg/Kg		91	70 - 130	16	35
o-Xylene	<0.00202	U	0.0990	0.08850		mg/Kg		89	70 - 130	15	35

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-10292-2 MSD

Matrix: Solid

Analysis Batch: 17325

Client Sample ID: HZ1b

Prep Type: Total/NA

Prep Batch: 17131

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-17217/1-A

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17217

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/19/22 08:54	01/21/22 01:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/19/22 08:54	01/21/22 01:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/19/22 08:54	01/21/22 01:07	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
%Recovery	Qualifier					
1-Chlorooctane	74		70 - 130	01/19/22 08:54	01/21/22 01:07	1
o-Terphenyl	82		70 - 130	01/19/22 08:54	01/21/22 01:07	1

Lab Sample ID: LCS 880-17217/2-A

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1121		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1011		mg/Kg		101	70 - 130

Surrogate	LCS	LCS	Limits
%Recovery	Qualifier		
1-Chlorooctane	99		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: LCSD 880-17217/3-A

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17217

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1082		mg/Kg		108	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	953.4		mg/Kg		95	70 - 130	6	20

Surrogate	LCSD	LCSD	Limits
%Recovery	Qualifier		
1-Chlorooctane	102		70 - 130
o-Terphenyl	98		70 - 130

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-10292-1 MS

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: HZ1b

Prep Type: Total/NA

Prep Batch: 17217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	997	<49.9	U F1	mg/Kg		0	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1008		mg/Kg		99	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	64	S1-	70 - 130						
o-Terphenyl	56	S1-	70 - 130						

Lab Sample ID: 880-10292-1 MSD

Matrix: Solid

Analysis Batch: 17328

Client Sample ID: HZ1b

Prep Type: Total/NA

Prep Batch: 17217

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	996	<49.8	U F1	mg/Kg		0	70 - 130	NC	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1072		mg/Kg		106	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	66	S1-	70 - 130								
o-Terphenyl	59	S1-	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-17139/1-A

Matrix: Solid

Analysis Batch: 17187

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/19/22 23:29	1

Lab Sample ID: LCS 880-17139/2-A

Matrix: Solid

Analysis Batch: 17187

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	249.0		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-17139/3-A

Matrix: Solid

Analysis Batch: 17187

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	265.7		mg/Kg		106	90 - 110	7	20

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-10289-A-1-E MS

Matrix: Solid

Analysis Batch: 17187

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	126	F1	253	409.6	F1	mg/Kg		112	90 - 110		

Lab Sample ID: 880-10289-A-1-F MSD

Matrix: Solid

Analysis Batch: 17187

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	126	F1	253	393.9		mg/Kg		106	90 - 110	4	20

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

GC VOA

Prep Batch: 17053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10292-1	HZ1b	Total/NA	Solid	5035	
MB 880-17053/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17053/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17053/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10287-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-10287-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 17099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10292-1	HZ1b	Total/NA	Solid	8021B	17053
MB 880-17053/5-A	Method Blank	Total/NA	Solid	8021B	17053
LCS 880-17053/1-A	Lab Control Sample	Total/NA	Solid	8021B	17053
LCSD 880-17053/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17053
880-10287-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	17053
880-10287-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	17053

Prep Batch: 17131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10292-2	HZ1b	Total/NA	Solid	5035	
MB 880-17131/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17131/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17131/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10292-2 MS	HZ1b	Total/NA	Solid	5035	
880-10292-2 MSD	HZ1b	Total/NA	Solid	5035	

Analysis Batch: 17221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10292-1	HZ1b	Total/NA	Solid	Total BTEX	

Analysis Batch: 17325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10292-2	HZ1b	Total/NA	Solid	8021B	17131
MB 880-17131/5-A	Method Blank	Total/NA	Solid	8021B	17131
LCS 880-17131/1-A	Lab Control Sample	Total/NA	Solid	8021B	17131
LCSD 880-17131/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17131
880-10292-2 MS	HZ1b	Total/NA	Solid	8021B	17131
880-10292-2 MSD	HZ1b	Total/NA	Solid	8021B	17131

Analysis Batch: 17647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10292-2	HZ1b	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 17217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10292-1	HZ1b	Total/NA	Solid	8015NM Prep	
880-10292-2	HZ1b	Total/NA	Solid	8015NM Prep	
MB 880-17217/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17217/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17217/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

GC Semi VOA (Continued)

Prep Batch: 17217 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10292-1 MS	HZ1b	Total/NA	Solid	8015NM Prep	
880-10292-1 MSD	HZ1b	Total/NA	Solid	8015NM Prep	

Analysis Batch: 17328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10292-1	HZ1b	Total/NA	Solid	8015B NM	17217
880-10292-2	HZ1b	Total/NA	Solid	8015B NM	17217
MB 880-17217/1-A	Method Blank	Total/NA	Solid	8015B NM	17217
LCS 880-17217/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17217
LCSD 880-17217/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17217
880-10292-1 MS	HZ1b	Total/NA	Solid	8015B NM	17217
880-10292-1 MSD	HZ1b	Total/NA	Solid	8015B NM	17217

Analysis Batch: 17641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10292-1	HZ1b	Total/NA	Solid	8015 NM	
880-10292-2	HZ1b	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 17139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10292-1	HZ1b	Soluble	Solid	DI Leach	
880-10292-2	HZ1b	Soluble	Solid	DI Leach	
MB 880-17139/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17139/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17139/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10289-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-10289-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 17187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10292-1	HZ1b	Soluble	Solid	300.0	17139
880-10292-2	HZ1b	Soluble	Solid	300.0	17139
MB 880-17139/1-A	Method Blank	Soluble	Solid	300.0	17139
LCS 880-17139/2-A	Lab Control Sample	Soluble	Solid	300.0	17139
LCSD 880-17139/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17139
880-10289-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	17139
880-10289-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	17139

Eurofins Midland

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

Client Sample ID: HZ1b

Lab Sample ID: 880-10292-1

Date Collected: 01/17/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	17053	01/18/22 16:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17099	01/18/22 18:57	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17221	01/19/22 09:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17217	01/19/22 08:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/21/22 02:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17139	01/18/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			17187	01/20/22 01:34	CH	XEN MID

Client Sample ID: HZ1b

Lab Sample ID: 880-10292-2

Date Collected: 01/17/22 00:00

Matrix: Solid

Date Received: 01/18/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	17131	01/19/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17325	01/20/22 11:39	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17647	01/24/22 17:18	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17641	01/24/22 16:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17217	01/19/22 08:54	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17328	01/21/22 03:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17139	01/18/22 11:33	CH	XEN MID
Soluble	Analysis	300.0		1			17187	01/20/22 00:19	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

Accreditation/Certification Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

Sample Summary

Client: Hungry Horse LLC
Project/Site: ARU #16

Job ID: 880-10292-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-10292-1	HZ1b	Solid	01/17/22 00:00	01/18/22 00:00	Surf
880-10292-2	HZ1b	Solid	01/17/22 00:00	01/18/22 00:00	1'

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



Houston TX (281) 240-4200 Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199



880-10292 Chain of Custody

www.xenco.com Page 1 of 1

Work Order Comments									
Program: UST/PT ☐ PRP ☐ Brownfields ☐ RCC ☐ Superfund ☐									
State of Project:									
Reporting Level II ☐ Level III ☐ UST/UST ☐ RRP ☐ Level IV ☐									
Deliverables EDD ☐ ADAPT ☐ Other ☐									

Project Name:	ARU #16						Turn Around															PRESERVATIVE CODES																												
Project Number:							☒ Routine ☐ Rush															None NO DI Water- H ₂ O																												
Project Location							Due Date															Cool Cool MeOH Me HCL HC HNO ₃ HN H ₂ S0 ₄ , H ₂ NaOH Na																												
Sampler's Name	Bradley Wells						TAT starts the day received by the lab if received by 4 30pm															H ₃ PO ₄ HP NaHSO ₄ NABIS Na ₂ -S ₂ O ₃ NASO ₃ Zn Acetate+NaOH Zn																												
PO #.																						NaOH+Ascorbic Acid SAPC																												
SAMPLE RECEIPT																																																		
Samples Received Intact.						(Yes) No						Thermometer ID						Wet Ice						(yes) No																										
Cooler Custody Seals						Yes No						N/A Correction Factor-						ID																																
Sample Custody Seals.						Yes No						N/A Temperature Reading						27																																
Total Containers												Corrected Temperature						2.8																																
Parameters																	ANALYSIS REQUEST																	PRESERVATIVE CODES																
BRIDE																																																		

[illegible]

Total	200.7 / 6010	200.8 / 6020:
Circle Method(s) and Metals)	to be analyzed	
8RCRA	13PPM	Texas 11
Al	Sb	As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
TCLP / SPLP	6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U
Hq	1631 / 245.1 / 7470 / 7471	

Signature of this document and reimbursement of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
		11/17/95			11/18/95

Login Sample Receipt Checklist

Client: Hungry Horse LLC

Job Number: 880-10292-1

Login Number: 10292

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-10651-1
Laboratory Sample Delivery Group: ARU #16
Client Project/Site: Grand Banks

For:
Hungry Horse LLC
PO BOX 1058
Hobbs, New Mexico 88241

Attn: Lindsey Nevels

Holly Taylor

Authorized for release by:
2/3/2022 10:47:48 AM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Hungry Horse LLC
Project/Site: Grand Banks

Laboratory Job ID: 880-10651-1
SDG: ARU #16

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	6
QC Sample Results	7
QC Association Summary	11
Lab Chronicle	13
Certification Summary	14
Method Summary	15
Sample Summary	16
Chain of Custody	17
Receipt Checklists	18

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: Hungry Horse LLC
Project/Site: Grand Banks

Job ID: 880-10651-1
SDG: ARU #16

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
⌘	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Hungry Horse LLC
Project/Site: Grand Banks

Job ID: 880-10651-1
SDG: ARU #16

Job ID: 880-10651-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-10651-1

Comments

No additional comments.

Receipt

The sample was received on 1/27/2022 11:33 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3° C.

Receipt Exceptions

Tests on the COC do not match containers. Per Daniel Dominguez analyze sample for BTEX, TPH and CI (phone)

GC VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: FL56 (880-10651-1), (890-1883-A-1-C MS) and (890-1883-A-1-D MSD). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-18032 and analytical batch 880-18253 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Hungry Horse LLC
Project/Site: Grand Banks

Job ID: 880-10651-1
SDG: ARU #16

Client Sample ID: FL56

Lab Sample ID: 880-10651-1

Date Collected: 01/26/22 14:00

Matrix: Solid

Date Received: 01/27/22 11:33

Sample Depth: 2.5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/28/22 07:30	01/28/22 20:44	1
Toluene	<0.00199	U F1	0.00199	mg/Kg		01/28/22 07:30	01/28/22 20:44	1
Ethylbenzene	<0.00199	U F1	0.00199	mg/Kg		01/28/22 07:30	01/28/22 20:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		01/28/22 07:30	01/28/22 20:44	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/28/22 07:30	01/28/22 20:44	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/28/22 07:30	01/28/22 20:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130	01/28/22 07:30	01/28/22 20:44	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/28/22 07:30	01/28/22 20:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			02/02/22 18:08	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			02/02/22 16:07	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		01/31/22 11:10	02/01/22 18:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/31/22 11:10	02/01/22 18:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/31/22 11:10	02/01/22 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130	01/31/22 11:10	02/01/22 18:06	1
o-Terphenyl	74		70 - 130	01/31/22 11:10	02/01/22 18:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.0	F1	5.00	mg/Kg			01/31/22 23:56	1

Eurofins Midland

Surrogate Summary

Client: Hungry Horse LLC
Project/Site: Grand Banks

Job ID: 880-10651-1
SDG: ARU #16

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-10651-1	FL56	153 S1+	98
880-10651-1 MS	FL56	135 S1+	117
880-10651-1 MSD	FL56	117	113
LCS 880-17925/1-A	Lab Control Sample	127	112
LCSD 880-17925/2-A	Lab Control Sample Dup	131 S1+	107
MB 880-17873/5-A	Method Blank	86	99
MB 880-17925/5-A	Method Blank	88	96

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-10651-1	FL56	67 S1-	74
890-1883-A-1-C MS	Matrix Spike	69 S1-	69 S1-
890-1883-A-1-D MSD	Matrix Spike Duplicate	69 S1-	70
LCS 880-18143/2-A	Lab Control Sample	90	96
LCSD 880-18143/3-A	Lab Control Sample Dup	89	93
MB 880-18143/1-A	Method Blank	82	97

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Hungry Horse LLC
Project/Site: Grand Banks

Job ID: 880-10651-1
SDG: ARU #16

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-17873/5-A

Matrix: Solid

Analysis Batch: 17866

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17873

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/27/22 08:57	01/28/22 04:03	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/27/22 08:57	01/28/22 04:03	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/27/22 08:57	01/28/22 04:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/27/22 08:57	01/28/22 04:03	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/27/22 08:57	01/28/22 04:03	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/27/22 08:57	01/28/22 04:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	01/27/22 08:57	01/28/22 04:03	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/27/22 08:57	01/28/22 04:03	1

Lab Sample ID: MB 880-17925/5-A

Matrix: Solid

Analysis Batch: 17866

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17925

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/28/22 07:30	01/28/22 20:16	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/28/22 07:30	01/28/22 20:16	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/28/22 07:30	01/28/22 20:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		01/28/22 07:30	01/28/22 20:16	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/28/22 07:30	01/28/22 20:16	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/28/22 07:30	01/28/22 20:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	01/28/22 07:30	01/28/22 20:16	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/28/22 07:30	01/28/22 20:16	1

Lab Sample ID: LCS 880-17925/1-A

Matrix: Solid

Analysis Batch: 17866

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17925

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1153		mg/Kg		115	70 - 130
Toluene	0.100	0.09498		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.09455		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.2078		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1102		mg/Kg		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: LCSD 880-17925/2-A

Matrix: Solid

Analysis Batch: 17866

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17925

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1157		mg/Kg		116	70 - 130	0	35

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: Grand Banks

Job ID: 880-10651-1
SDG: ARU #16

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-17925/2-A

Matrix: Solid

Analysis Batch: 17866

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17925

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.100	0.09650		mg/Kg		96	70 - 130	2	35
Ethylbenzene	0.100	0.09352		mg/Kg		94	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2054		mg/Kg		103	70 - 130	1	35
o-Xylene	0.100	0.1096		mg/Kg		110	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-10651-1 MS

Matrix: Solid

Analysis Batch: 17866

Client Sample ID: FL56

Prep Type: Total/NA

Prep Batch: 17925

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.0990	0.08894		mg/Kg		90	70 - 130
Toluene	<0.00199	U F1	0.0990	0.07379		mg/Kg		75	70 - 130
Ethylbenzene	<0.00199	U F1	0.0990	0.06806	F1	mg/Kg		69	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.198	0.1464		mg/Kg		73	70 - 130
o-Xylene	<0.00199	U	0.0990	0.08143		mg/Kg		82	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: 880-10651-1 MSD

Matrix: Solid

Analysis Batch: 17866

Client Sample ID: FL56

Prep Type: Total/NA

Prep Batch: 17925

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0998	0.07131		mg/Kg		71	70 - 130	22	35
Toluene	<0.00199	U F1	0.0998	0.06243	F1	mg/Kg		63	70 - 130	17	35
Ethylbenzene	<0.00199	U F1	0.0998	0.06749	F1	mg/Kg		68	70 - 130	1	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1469		mg/Kg		73	70 - 130	0	35
o-Xylene	<0.00199	U	0.0998	0.07642		mg/Kg		77	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-18143/1-A

Matrix: Solid

Analysis Batch: 18225

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18143

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		01/31/22 11:10	02/01/22 09:23	1

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: Grand Banks

Job ID: 880-10651-1
SDG: ARU #16

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-18143/1-A

Matrix: Solid

Analysis Batch: 18225

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18143

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/31/22 11:10	02/01/22 09:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/31/22 11:10	02/01/22 09:23	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130			01/31/22 11:10	02/01/22 09:23	1
o-Terphenyl	97		70 - 130			01/31/22 11:10	02/01/22 09:23	1

Lab Sample ID: LCS 880-18143/2-A

Matrix: Solid

Analysis Batch: 18225

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18143

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	846.8		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1190		mg/Kg		119	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	90		70 - 130				
o-Terphenyl	96		70 - 130				

Lab Sample ID: LCSD 880-18143/3-A

Matrix: Solid

Analysis Batch: 18225

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18143

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	926.5		mg/Kg		93	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	1204		mg/Kg		120	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	89		70 - 130						
o-Terphenyl	93		70 - 130						

Lab Sample ID: 890-1883-A-1-C MS

Matrix: Solid

Analysis Batch: 18225

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 18143

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	851.8		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	970.6		mg/Kg		95	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	69	S1-	70 - 130						
o-Terphenyl	69	S1-	70 - 130						

Eurofins Midland

QC Sample Results

Client: Hungry Horse LLC
Project/Site: Grand Banks

Job ID: 880-10651-1
SDG: ARU #16

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-1883-A-1-D MSD

Matrix: Solid

Analysis Batch: 18225

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 18143

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	967.9		mg/Kg		95	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	999.6		mg/Kg		98	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	69	S1-	70 - 130								
o-Terphenyl	70		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-18032/1-A

Matrix: Solid

Analysis Batch: 18253

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			01/31/22 23:16	1

Lab Sample ID: LCS 880-18032/2-A

Matrix: Solid

Analysis Batch: 18253

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	265.3		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-18032/3-A

Matrix: Solid

Analysis Batch: 18253

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	266.5		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-10651-1 MS

Matrix: Solid

Analysis Batch: 18253

Client Sample ID: FL56

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	22.0	F1	250	310.2	F1	mg/Kg		115	90 - 110

Lab Sample ID: 880-10651-1 MSD

Matrix: Solid

Analysis Batch: 18253

Client Sample ID: FL56

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	22.0	F1	250	302.0	F1	mg/Kg		112	90 - 110	3	20

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: Grand Banks

Job ID: 880-10651-1
SDG: ARU #16

GC VOA

Analysis Batch: 17866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10651-1	FL56	Total/NA	Solid	8021B	17925
MB 880-17873/5-A	Method Blank	Total/NA	Solid	8021B	17873
MB 880-17925/5-A	Method Blank	Total/NA	Solid	8021B	17925
LCS 880-17925/1-A	Lab Control Sample	Total/NA	Solid	8021B	17925
LCSD 880-17925/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17925
880-10651-1 MS	FL56	Total/NA	Solid	8021B	17925
880-10651-1 MSD	FL56	Total/NA	Solid	8021B	17925

Prep Batch: 17873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-17873/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 17925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10651-1	FL56	Total/NA	Solid	5035	
MB 880-17925/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17925/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17925/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10651-1 MS	FL56	Total/NA	Solid	5035	
880-10651-1 MSD	FL56	Total/NA	Solid	5035	

Analysis Batch: 18428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10651-1	FL56	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 18143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10651-1	FL56	Total/NA	Solid	8015NM Prep	
MB 880-18143/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18143/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18143/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1883-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1883-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 18225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10651-1	FL56	Total/NA	Solid	8015B NM	18143
MB 880-18143/1-A	Method Blank	Total/NA	Solid	8015B NM	18143
LCS 880-18143/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18143
LCSD 880-18143/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18143
890-1883-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	18143
890-1883-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	18143

Analysis Batch: 18413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10651-1	FL56	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Hungry Horse LLC
Project/Site: Grand Banks

Job ID: 880-10651-1
SDG: ARU #16

HPLC/IC

Leach Batch: 18032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10651-1	FL56	Soluble	Solid	DI Leach	
MB 880-18032/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-18032/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-18032/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10651-1 MS	FL56	Soluble	Solid	DI Leach	
880-10651-1 MSD	FL56	Soluble	Solid	DI Leach	

Analysis Batch: 18253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10651-1	FL56	Soluble	Solid	300.0	18032
MB 880-18032/1-A	Method Blank	Soluble	Solid	300.0	18032
LCS 880-18032/2-A	Lab Control Sample	Soluble	Solid	300.0	18032
LCSD 880-18032/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	18032
880-10651-1 MS	FL56	Soluble	Solid	300.0	18032
880-10651-1 MSD	FL56	Soluble	Solid	300.0	18032

Lab Chronicle

Client: Hungry Horse LLC
Project/Site: Grand Banks

Job ID: 880-10651-1
SDG: ARU #16

Client Sample ID: FL56

Lab Sample ID: 880-10651-1

Date Collected: 01/26/22 14:00

Matrix: Solid

Date Received: 01/27/22 11:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17925	01/28/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17866	01/28/22 20:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18428	02/02/22 18:08	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18143	01/31/22 11:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18225	02/01/22 18:06	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18032	01/28/22 10:53	CH	XEN MID
Soluble	Analysis	300.0		1			18253	01/31/22 23:56	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Hungry Horse LLC
Project/Site: Grand Banks

Job ID: 880-10651-1
SDG: ARU #16

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Hungry Horse LLC
Project/Site: Grand Banks

Job ID: 880-10651-1
SDG: ARU #16

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

Sample Summary

Client: Hungry Horse LLC
Project/Site: Grand Banks

Job ID: 880-10651-1
SDG: ARU #16

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-10651-1	FL56	Solid	01/26/22 14:00	01/27/22 11:33	2.5'

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Xenco Laboratories

The Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND AI
12600 West I-20 East
Odessa, Texas 79765



860-10651 Chain of Custody

Bill to

Project Name: Grand Banks

Project #:

Project Loc:

Well #16

PO #:

Report Format:

☒ Standard☐ TRRP☐ NPDES

Project Manager:

Daniel Dominguez

Company Name

Hungry Horse LLC

Company Address:

4024 Plains Hwy

City/State/Zip

Lovington, NM 88240

Telephone No

575-393-3386

Sampler Signature:

D. L. Wells

e-mail:

DML@hungry-horse.com
dickard@cambridgema.com

(lab use only)

ORDER #:

(lab use only)

FIELD CODE

FL56

Beginning Depth

Ending Depth

2.5'

Date Sampled

1/26/22

Time Sampled

2:00 pm

Field Filtered

Total # of Containers

1

Preservation & # of Containers

Ice

HNO₃

HCl

H₂SO₄

NaOH

Na₂S₂O₃

None

Other (Specify)

Matrix

S

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH 418 1 8015M 8015E

TPH TX 1005 TX 1006

Cations (Ca Mg Na K)

Anions (Cl SO₄, Alkalinity)

SAR / ESP / CEC

Metals As Ag Ba Cd Cr Pb Hg Se

Volatiles

Semivolatiles

BTEX 8021B/5030 or BTEX 8260

RCI

NORM

RUSH TAT (Pre-Schedule) 24 48 72 hrs

Standard TAT

Special Instructions:

(Relinquished by)

(Relinquished by)

(Relinquished by)

Date

Date

Date

Time

Time

Time

Received by

Received by

Received by

Date

Date

Date

Time

Time

Time

Laboratory Comments:
Sample Containers Intact?
VOCs Free of Headspace?
Labels on container(s)
Custody seals on container(s)
Custody seals on cooler(s)
Sample Hand Delivered
by Sampler/Client Rep ?
by Courier? UPS
Temperature Upon Receipt

Y

Y

Y

Y

Y

Y

Y

Y

N

N

N

N

N

N

N

N

N

N

N

N

N

N

N

N

Login Sample Receipt Checklist

Client: Hungry Horse LLC

Job Number: 880-10651-1

SDG Number: ARU #16

Login Number: 10651**List Number: 1****Creator: Teel, Brianna****List Source: Eurofins Midland**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Attachment V
NMOCD Form C-141
Remediation and Closure Pages

Incident ID	nAPP2135656116
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2135656116
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2135656116
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

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

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Incident ID	nAPP2135656116
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Andrew E Rickard

Title: Project Manager

Signature: Andy Rickard

Date: 2/28/2022

email: arickard@cambrianmgmt.com

Telephone: 432-620-9181

OCD Only

Received by: Chad Hensley

Date: 03/28/2022

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

Closure Approved by: Chad Hensley

Date: 03/28/2022

Printed Name: Chad Hensley

Title: Environmental Specialist Advanced

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	nAPP2135656116
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Grand Banks Energy Co	OGRID 155471
Contact Name Mr. Andy Rickard	Contact Telephone 432-620-9181
Contact email arickard@cambrianmgmt.com	Incident # (assigned by OCD)
Contact mailing address PO Box 272, Midland, TX 79702	

Location of Release Source

Latitude 32.948696 Longitude -103.743276
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Anderson Ranch Unit #16	Site Type Tank Battery
Date Release Discovered December 21, 2021	API# 30-025-00368

Unit Letter	Section	Township	Range	County
L	2	16S	32E	Lea County

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

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls) 138	Volume Recovered (bbls) 0
☒ Produced Water	Volume Released (bbls) 208	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Mechanical failure caused tank to overflow into lined containment. Fluid overflowed lined containment into adjacent field. Release volumes reflect fluid that overflowed lined containment.

Form C-141

Page 2

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2135656116
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? An unauthorized release of a volume over 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? NOR was filed on December 22, 2021. The release was discovered/occurred around 10 pm on December 21, 2021.	

Initial Response

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

☒ The source of the release has been stopped. ☒ The impacted area has been secured to protect human health and the environment. ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. ☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Socorro Hendry</u> Signature: <u>Socorro Hendry</u> email: <u>shendry@cambrianmgmt.com</u>	Title: <u>Regulatory Analyst</u> Date: <u>12-22-2021</u> Telephone: <u>(432) 620-9181</u>
<u>OCD Only</u> Received by: _____ Date: _____	



Volume Calculation

Location: ARU #16

Fluid: Oil/Produced Water

Area: 23,327 (ft²)

Depth: 4 (in)

Porosity/Saturation: 0.25 %

Volume of oil released: 138 bbls

Volume of water released: 208 bbls

Volume of oil recovered: 0 bbls

Volume of water recovered: 0 bbls

Volume of liquid remaining in soil: 346 bbls

Volume recovered: 0 bbls

Total Volume: 346 bbls

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

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

CONDITIONS

Action 85302

CONDITIONS

Operator: GRAND BANKS ENERGY CO 10 Desta Drive Midland, TX 79705	OGRID: 155471
	Action Number: 85302
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	Closure approved.	3/28/2022