

4024 Plains Hwy
Lovington, NM 88260
ddominguez@hungry-horse.com
Office: (575) 393-3386



Final Closure Report

**DCP Midstream
N Line Leak:
Area 1 and Area 2
Lea County, New Mexico
Unit Letter "F", Section 21, Township 18 South, Range 32 East
Latitude 32.73528 North, Longitude 103.77361 West
NMOCD Incident # nRM2006235833**

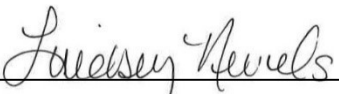
Prepared For:

DCP Midstream
5301 Sierra Vista
Carlsbad, NM 88220

Prepared By:

Hungry Horse, LLC
4024 Plains Hwy
Lovington, NM 88260

November 2020


Lindsey Nevels
Project Manager

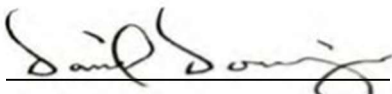

Daniel Dominguez
Sr. Project Manager

Table Of Contents

Background	1
NMOCD Site Classification	1
Regulatory Approval	2
Remediation Activities	2
Restoration, Reclamation, and Re-Vegetation	3
Closure Request	3
Limitations	3
Distribution	4

Figures

- Figure 1 – Topographic Map
- Figure 2 – Water Well Proximity Map
- Figure 3 – Composite Closure Sample Map

Tables

- Table 1 – Summary of Soil Sample Field and Laboratory Analytical Results – Area 1
- Table 2 – Summary of Soil Sample Field and Laboratory Analytical Results – Area 2

Attachments

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



HUNGRY HORSE, LLC

The following *Final Closure Report* serves as a condensed update on field activities undertaken at the afore referenced Site.

Background:

The site is located in Unit Letter F (SE/NW), Section 21, Township 18 South, Range 32 East, approximately 8 miles south of Maljamar, in Lea County, New Mexico. The property is owned by the Bureau of Land Management. A Topographic Map, and Water Well Proximity Map are included as Figure 1, and Figure 2, respectively.

The release occurred on a buried flow line; latitude 32.73528 North, Longitude 103.77361 West. The initial NMOCD Form C-141 indicated that on February 28, 2020, approximately 75 bbls of oil were released due to a pipeline leak. As there was a possibility the release occurred on an Archaeological area, a vacuum truck could not be dispatched and no fluid was recovered. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. The Closure page of the NMOCD Form C-141 is included as Attachment V.

The fluid pooled in two areas, Area 1 and Area 2, measuring approximately 8,928 sq. ft. and 2,522 sq. ft., respectively. An overspray area measuring approximately 22,672 sq. ft. was treated with Micro-Blaze with approval from the BLM.

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 1 & 2.

As no water wells could be located within a half mile of the release area, depth to water could not be determined. Therefore, the site was 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

**Regulatory Approval:**

On July 14, 2020, a Remediation Work Plan was submitted to the NMOCD. The report proposed a remediation strategy designed to progress the site toward approved closure. The Remediation Work Plan was approved on September 29, 2020 and is available on the NMOCD imaging system.

Please refer to the Remediation Work Plan for details regarding the site and proposed remediation activities.

Remediation Activities:

On October 5, 2020, remediation activities commenced on location. In accordance with the approved work plan, soil impacted above the strictest NMOCD guidelines was excavated and transported to an NMOCD approved disposal facility. After removal of impacted soil, composite closure samples were collected from Area 1 and Area 2. On October 7, 2020, sixty-two composite confirmation soil samples, 1BH1 through 1BH52, and 1SW1 through 1SW10, were collected from Area 1 and submitted to the laboratory for analysis of BTEX, TPH, and chloride. Twenty-four composite confirmation soil samples, 2BH1 through 2BH16, and 2SW1 through 2SW8, were collected from Area 2 and submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the strictest NMOCD Closure Criteria in each of the submitted samples, with the exception of 1BH40, 1SW4, and 1SW9 from Area 1, and 2SW1 from Area 2 which exhibited TPH concentrations above the NMOCD Closure Criteria.

On October 21, 2020, excavation activities continued at the location. The areas characterized by sample locations 1BH40, 1SW4, 1SW9, and 2SW1 were excavated and impacted soil transported to an NMOCD approved disposal facility. On October 23, 2020, composite closure samples were collected from the newly excavated areas. Samples 1BH40b, 1SW4b, and 1SW9b were collected from Area 1 and submitted to the laboratory for analysis of BTEX, TPH, and chloride. Sample 2SW1b was collected from Area 2 and submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the strictest NMOCD Closure Criteria in each of the submitted samples.

A Composite Closure Sample Map is provided as Figure 3, and Field data is provided as Attachment III. A Summary of Soil Sample Field and Laboratory Analytical Results is provided as Table 1 and Table 2, and Laboratory Analytical Reports are provided as Attachment IV.

Area 1 excavation measured approximately 145 ft. in length, 72 ft. in width, and five to six feet in depth. Area 2 excavation measured approximately 77 ft. in length, 42 ft. in width, and five



feet in depth. During remediation activities approximately 300 cubic yards of impacted soil were transported to an NMOCD approved disposal facility.

Restoration, Reclamation, and Re-Vegetation:

Upon receipt of laboratory analytical results from composite closure samples, the excavated areas were then backfilled with clean, non-impacted, like material and brought back to at, or near, original relative positions. The affected areas were contoured to achieve erosion control, blend with surrounding area, and preserve surface water flow. The affected areas will be reseeded with an approved seed mixture during the first favorable growing season following closure of the site.

Closure Request:

Remediation activities were conducted in accordance with the NMOCD approved Work Plan. The impacted soil was excavated and transported to an NMOCD approved disposal facility. Laboratory analytical results from composite confirmation soil samples indicate concentrations of BTEX, TPH, and chloride are below the strictest NMOCD Closure Criteria.

Based on laboratory analytical results and field activities conducted to date, Hungry Horse recommends DCP Midstream provide copies of this Final Closure Report to the appropriate agencies and request closure be granted to the N Line Leak.

Limitations:

Hungry Horse, LLC, has prepared this Final Closure Report 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:

DCP Midstream

5301 Sierra Vista
Carlsbad, NM 88220

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 1
1625 N. French Drive
Hobbs, NM 88240

Figures

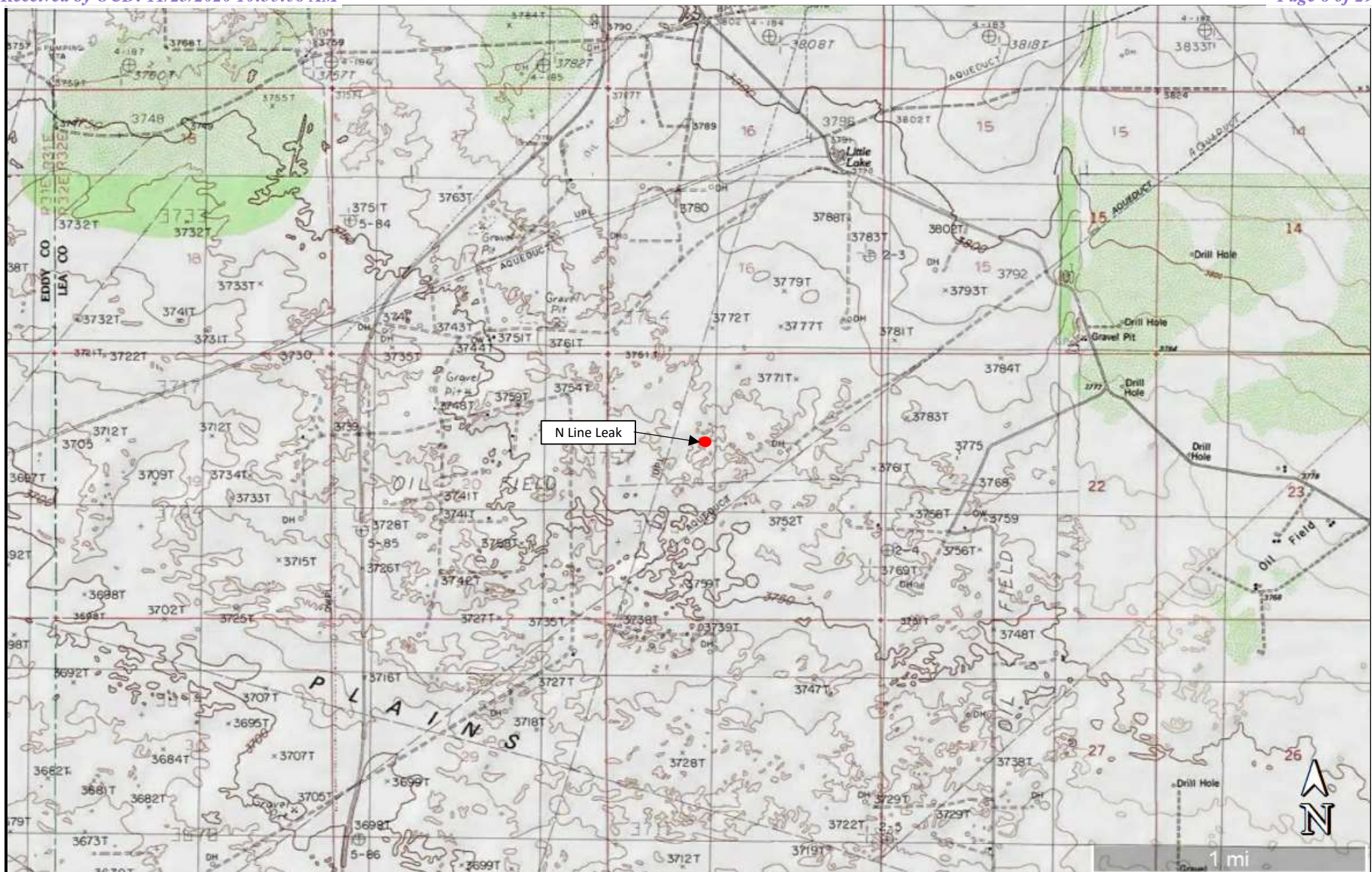


Figure 1

Topographic Map

DCP Midstream

N Line Leak

GPS: 32.73528, -103.77361

Lea County

Legend:

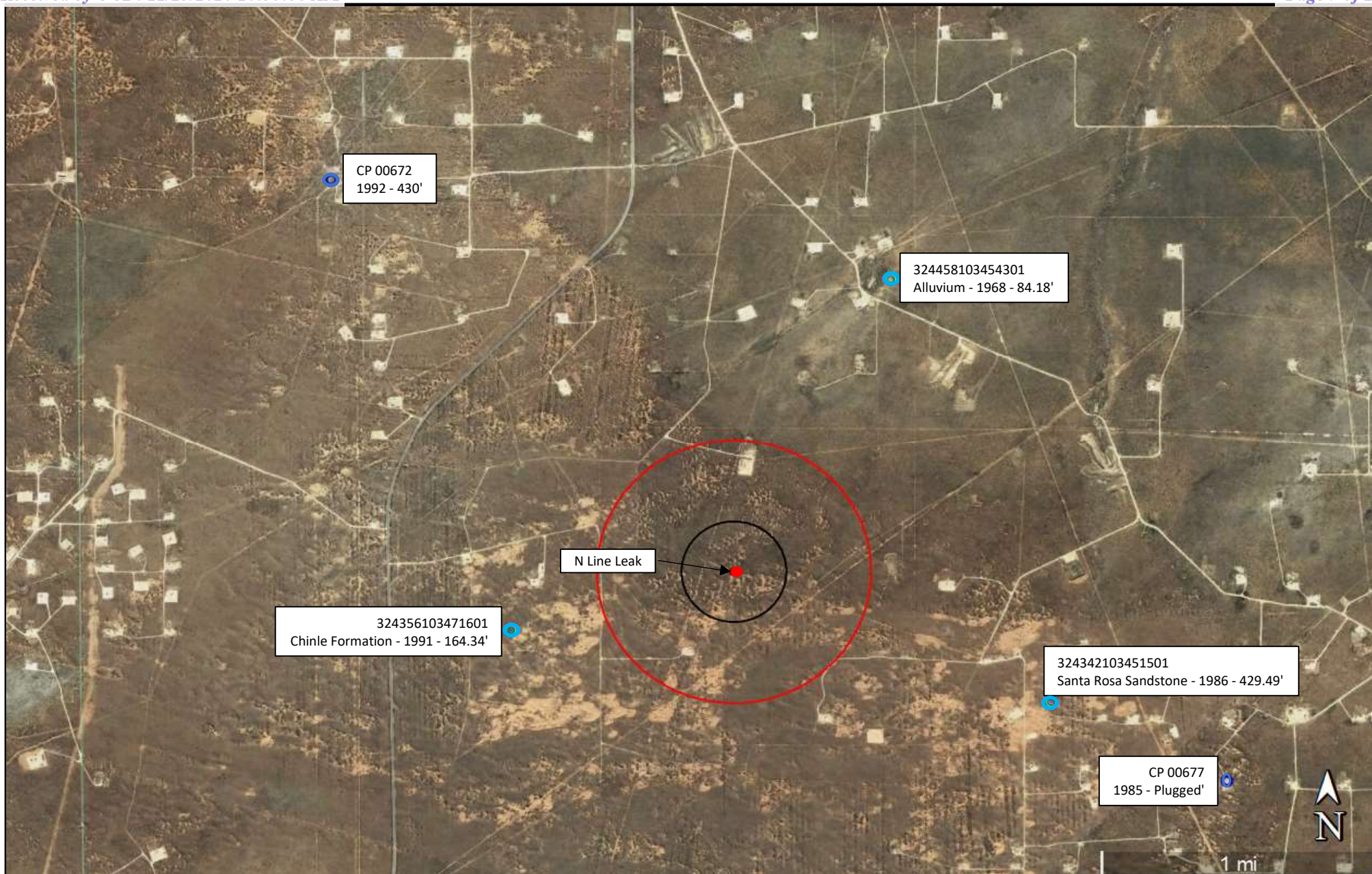
● Site Location

Drafted:

Checked: dd

Date: 6/15/20



**Figure 2**

Water Well Proximity Map
DCP Midstream
N Line Leak
GPS: 32.73528, -103.77361
Lea County

Legend:

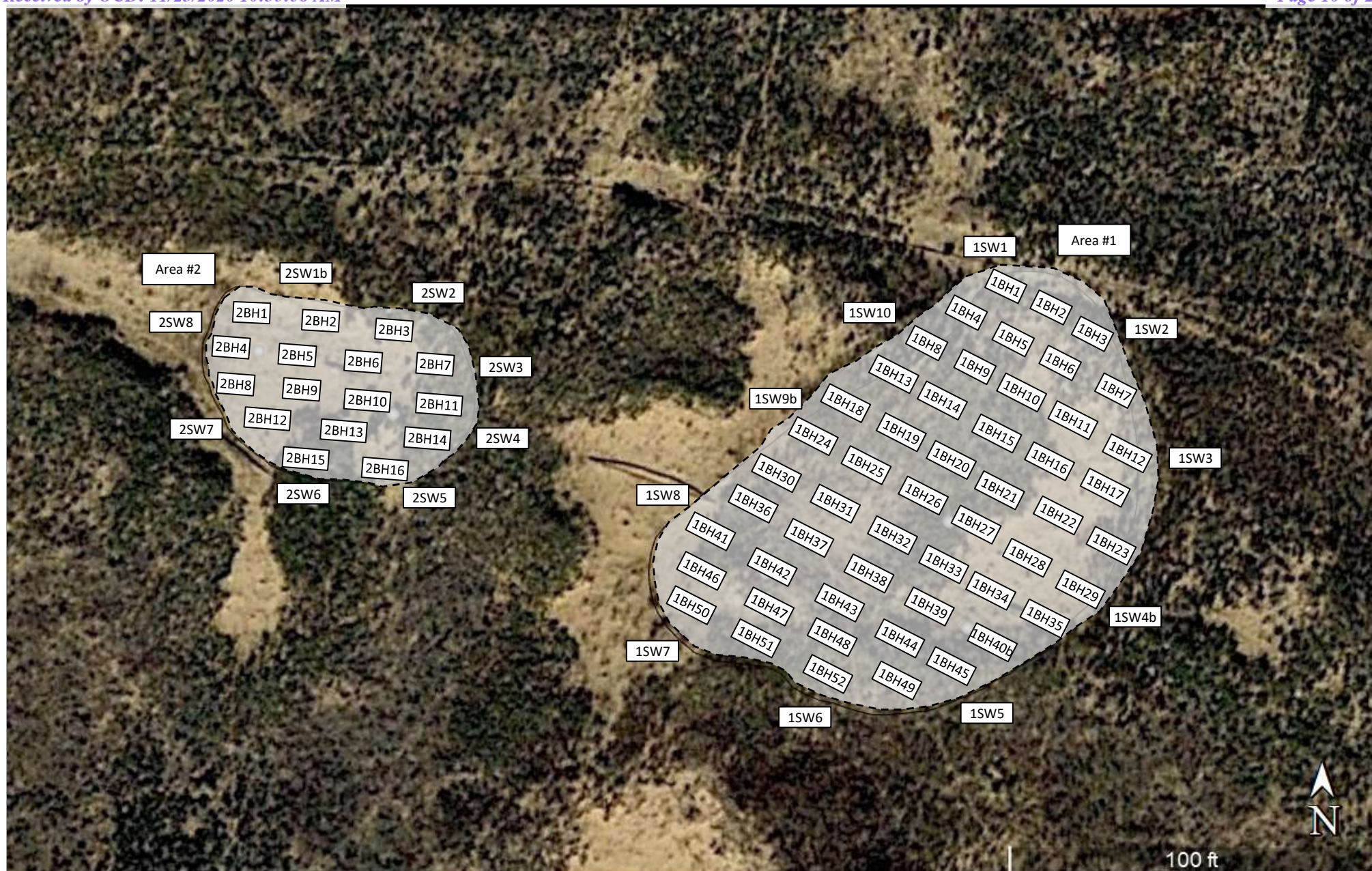
- Site Location
- USGS Water Well
- OSE Water Well
- 1,000 foot radius
- Half-mile radius

Drafted:

Checked: dd

Date: 6/15/20



**Figure 3**

Composite Closure Sample Map
 DCP Midstream
 N Line Leak
 GPS: 32.73528, -103.77361
 Lea County

Legend:

- 1BH1 Composite Sample Location
 Excavated Area

Drafted: dd
 Checked: lmn
 Date: 10/23/20



Tables

TABLE 1
Summary of Soil Sample Field and Laboratory Analytical Results - Area 1
DCP Midstream
N Line Leak
NMOCD Ref. #: nRM2006235833

Sample ID	Date	Depth (ft)	Soil Status	Field Chloride (mg/kg)	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	3/10/20	Surf	Excavated	1,840	-	-	-	-	-	-	-	-
	3/10/20	2	Excavated	3,360	-	-	-	-	-	-	-	-
	3/10/20	4	Excavated	320	-	-	-	-	-	-	-	-
	3/10/20	6	In-Situ	240	-	-	-	-	-	-	-	-
	3/10/20	8	In-Situ	240	-	-	-	-	-	-	-	-
	3/10/20	10	In-Situ	240	-	-	-	-	-	-	-	-
	3/10/20	12	In-Situ	240	-	-	-	-	-	-	-	-
	3/10/20	14	In-Situ	160	-	-	-	-	-	-	-	-
	3/10/20	16	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	35.4
SP2	3/10/20	Surf	Excavated	560	-	-	-	-	-	-	-	-
	3/10/20	2	Excavated	640	-	-	-	-	-	-	-	-
	3/10/20	4	Excavated	4,000+	-	-	-	-	-	-	-	-
	3/10/20	6	In-Situ	4,000+	-	-	-	-	-	-	-	-
	3/10/20	8	In-Situ	4,000+	-	-	-	-	-	-	-	-
	3/10/20	10	In-Situ	320	-	-	-	-	-	-	-	-
	3/10/20	12	In-Situ	160	-	-	-	-	-	-	-	-
	3/10/20	14	In-Situ	320	-	-	-	-	-	-	-	-
	3/10/20	16	In-Situ	160	-	-	-	-	-	-	-	-
	3/10/20	18	In-Situ	160	-	-	-	-	-	-	-	-
	3/10/20	20	In-Situ	160	-	-	-	-	-	-	-	-
	3/10/20	22	In-Situ	160	-	-	-	-	-	-	-	-
	3/10/20	24	In-Situ	160	-	-	-	-	-	-	-	-
	3/10/20	26	In-Situ	160	-	-	-	-	-	-	-	-
	3/10/20	28	In-Situ	160	ND	1.237	28.3	1,710	1,738.3	677	2,415.3	ND
SP3	3/11/20	Surf	Excavated	1,760	-	-	-	-	-	-	-	-
	3/11/20	2	Excavated	2,800	-	-	-	-	-	-	-	-
	3/11/20	4	Excavated	2,000	-	-	-	-	-	-	-	-
	3/11/20	6	In-Situ	4000+	-	-	-	-	-	-	-	-
	3/11/20	8	In-Situ	640	-	-	-	-	-	-	-	-
	3/11/20	10	In-Situ	400	-	-	-	-	-	-	-	-
	3/11/20	12	In-Situ	400	ND	ND	ND	ND	ND	ND	ND	ND
SP4	3/11/20	Surf	Excavated	1,280	-	-	-	-	-	-	-	-
	3/11/20	2	Excavated	3,040	-	-	-	-	-	-	-	-
	3/11/20	4	Excavated	240	-	-	-	-	-	-	-	-
	3/11/20	6	In-Situ	320	-	-	-	-	-	-	-	-
	3/11/20	8	In-Situ	720	-	-	-	-	-	-	-	-
	3/11/20	10	In-Situ	320	-	-	-	-	-	-	-	-
	3/11/20	12	In-Situ	160	-	-	-	-	-	-	-	-
	3/11/20	14	In-Situ	160	-	-	-	-	-	-	-	-
	3/11/20	16	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	31.9
NMOCD Closure Criteria					10	50	-	-	-	-	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 Field and Laboratory Analytical Results - Area 1
DCP Midstream
N Line Leak
NMOCD Ref. #: nRM2006235833

Sample ID	Date	Depth (ft)	Soil Status	Field Chloride (mg/kg)	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)
SP5	3/11/20	Surf	Excavated	240	-	-	-	-	-	-	-	-
	3/11/20	2	Excavated	320	-	-	-	-	-	-	-	-
	3/11/20	4	Excavated	320	-	-	-	-	-	-	-	-
	3/11/20	6	In-Situ	320	-	-	-	-	-	-	-	-
	3/11/20	8	In-Situ	240	-	-	-	-	-	-	-	-
	3/11/20	10	In-Situ	160	-	-	-	-	-	-	-	-
	3/11/20	12	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	ND
SW1	3/12/20	1	In-Situ	1,040	-	-	-	-	-	-	-	-
	3/12/20	2	In-Situ	960	-	-	-	-	-	-	-	-
	3/12/20	3	In-Situ	880	-	-	-	-	-	-	-	-
	3/12/20	4	In-Situ	720	-	-	-	-	-	-	-	-
	3/12/20	5	In-Situ	560	-	-	-	-	-	-	-	-
	3/12/20	6	In-Situ	480	-	-	-	-	-	-	-	-
	3/12/20	7	In-Situ	880	-	-	-	-	-	-	-	-
	3/12/20	8	In-Situ	560	-	-	-	-	-	-	-	-
	3/12/20	9	In-Situ	480	-	-	-	-	-	-	-	-
	3/12/20	10	In-Situ	480	ND	ND	ND	ND	ND	ND	ND	ND
SW2	3/12/20	1	In-Situ	480	-	-	-	-	-	-	-	-
	3/12/20	2	In-Situ	720	-	-	-	-	-	-	-	-
	3/12/20	3	In-Situ	640	-	-	-	-	-	-	-	-
	3/12/20	4	In-Situ	480	-	-	-	-	-	-	-	-
	3/12/20	5	In-Situ	240	ND	ND	ND	ND	ND	ND	ND	ND
SW3	3/12/20	1	In-Situ	320	-	-	-	-	-	-	-	-
	3/12/20	2	In-Situ	400	ND	ND	ND	ND	ND	ND	ND	ND
SW4	3/12/20	1	In-Situ	2,160	-	-	-	-	-	-	-	-
	3/12/20	2	In-Situ	480	-	-	-	-	-	-	-	-
	3/12/20	3	In-Situ	400	ND	ND	ND	ND	ND	ND	ND	ND
Background	3/12/20	4	In-Situ	-	ND	ND	ND	ND	ND	ND	ND	ND
SP1-Comp Bottom Hole	3/20/20	4	Excavated	160	ND	0.246	ND	1,780	1,780	569	2,349	ND
SP2-Comp Bottom Hole	3/20/20	4	Excavated	160	ND	1.414	34.3	3,390	3,424	1,190	4,614	ND
SP3-Comp Bottom Hole	3/20/20	4	Excavated	160	ND	0.662	ND	1,280	1,280	398	1,678	ND
SP4-Comp Bottom Hole	3/20/20	4	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	ND
SP5-Comp Bottom Hole	3/20/20	4	In-Situ	160	ND	ND	ND	25.3	25.3	ND	25.3	ND
Mix Comp - Area 1 BH	3/20/20	4	Excavated	160	ND	ND	ND	1,330	1,330	514	1,844	ND
SW1	3/20/20	2	Excavated	240	ND	ND	ND	178	178	82.9	261	ND
SW2	3/20/20	2	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	ND
SW3	3/20/20	2	In-Situ	160	ND	ND	ND	53.6	53.6	ND	53.6	ND
SW4	3/20/20	2	In-Situ	240	ND	ND	ND	ND	ND	ND	ND	ND
SW5	3/20/20	2	In-Situ	240	ND	ND	ND	ND	ND	ND	ND	ND
SW6	3/20/20	2	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	ND
NMOCD Closure Criteria					10	50	-	-	-	-	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 Field and Laboratory Analytical Results - Area 1
DCP Midstream
N Line Leak
NMOCD Ref. #: nRM2006235833

Sample ID	Date	Depth (ft)	Soil Status	Field Chloride (mg/kg)	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)
SW7	3/20/20	2	In-Situ	240	ND	ND	ND	ND	ND	ND	ND	ND
SW8	3/20/20	2	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	ND
SP1-4'	6/22/20	4	Excavated	320	ND	ND	ND	ND	ND	ND	ND	ND
SP1-10'	6/22/20	10	In-Situ	240	ND	ND	ND	ND	ND	ND	ND	ND
SP2-4'	6/22/20	4	Excavated	400	ND	ND	ND	ND	ND	ND	ND	ND
SP2-10'	6/22/20	10	In-Situ	400	ND	ND	ND	ND	ND	ND	ND	ND
SP3-4'	6/22/20	4	Excavated	320	ND	ND	ND	ND	ND	ND	ND	ND
SP3-10'	6/22/20	10	In-Situ	320	ND	ND	ND	ND	ND	ND	ND	ND
SP4-4'	6/22/20	4	Excavated	400	ND	ND	ND	ND	ND	ND	ND	ND
SP4-10'	6/22/20	10	In-Situ	320	ND	ND	ND	ND	ND	ND	ND	ND
SP5-4'	6/22/20	4	Excavated	400	ND	ND	ND	ND	ND	ND	ND	ND
SP5-10'	6/22/20	10	In-Situ	240	ND	ND	ND	ND	ND	ND	ND	ND
1BH1	10/7/20	5	In-Situ	-	0.00871	0.0266	<50.0	<50.0	<50.0	<50.0	<50.0	11.0
1BH2	10/7/20	5	In-Situ	-	0.0112	0.0360	<50.0	<50.0	<50.0	<50.0	<50.0	8.71
1BH3	10/7/20	5	In-Situ	-	0.00968	0.0262	<50.0	50.40	50.4	<50.0	50.4	9.49
1BH4	10/7/20	5	In-Situ	-	0.0154	0.0423	<49.9	<49.9	<49.9	<49.9	<49.9	8.35
1BH5	10/7/20	5	In-Situ	-	0.00469	0.0132	<50.0	<50.0	<50.0	<50.0	<50.0	9.10
1BH6	10/7/20	5	In-Situ	-	0.0101	0.0404	<50.0	<50.0	<50.0	<50.0	<50.0	8.52
1BH7	10/7/20	5	In-Situ	-	0.00416	0.0127	<49.9	<49.9	<49.9	<49.9	<49.9	8.64
1BH8	10/7/20	5	In-Situ	-	0.0132	0.0381	<50.0	64.0	64.0	<50.0	64.0	9.29
1BH9	10/7/20	5	In-Situ	-	0.0168	0.0502	<50.0	64.3	64.3	<50.0	64.3	10.7
1BH10	10/7/20	5	In-Situ	-	0.0200	0.0694	<50.0	<50.0	<50.0	<50.0	<50.0	8.65
1BH11	10/7/20	5	In-Situ	-	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	8.80
1BH12	10/7/20	5	In-Situ	-	<0.00198	<0.00198	<49.8	<49.8	<49.8	<49.8	<49.8	7.99
1BH13	10/7/20	5	In-Situ	-	<0.00198	<0.00198	<50.0	65.2	65.2	<50.0	65.2	9.67
1BH14	10/7/20	5	In-Situ	-	<0.00198	<0.00198	<50.0	55.2	55.2	<50.0	55.2	9.01
1BH15	10/7/20	5	In-Situ	-	<0.00199	<0.00199	<50.0	60.4	60.4	<50.0	60.4	10.5
1BH16	10/7/20	5	In-Situ	-	<0.00201	<0.00201	<49.9	<49.9	<49.9	<49.9	<49.9	9.56
1BH17	10/7/20	5	In-Situ	-	<0.00200	<0.00200	<49.9	66.5	66.5	<49.9	66.5	9.48
1BH18	10/7/20	5	In-Situ	-	<0.00200	<0.00200	49.8	<49.8	49.8	<49.8	49.8	8.96
1BH19	10/7/20	5	In-Situ	-	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	8.13
1BH20	10/7/20	5	In-Situ	-	<0.00200	<0.00200	<50.0	69.1	69.1	<50.0	69.1	10.4
1BH21	10/7/20	5	In-Situ	-	0.0124	0.0333	<50.0	73.0	73.0	<50.0	73.0	9.16
1BH22	10/7/20	5	In-Situ	-	<0.00199	<0.00199	<50.0	64.8	64.8	<50.0	64.8	14.6
1BH23	10/7/20	5	In-Situ	-	<0.00200	<0.00200	<50.0	71.8	71.8	<50.0	71.8	10.2
1BH24	10/7/20	5	In-Situ	-	<0.00198	<0.00198	<49.8	86.5	86.5	<49.8	86.5	9.17
1BH25	10/7/20	5	In-Situ	-	<0.00200	<0.00200	<49.9	75.8	75.8	<49.9	75.8	9.75
1BH26	10/7/20	5	In-Situ	-	<0.00200	<0.00200	<49.9	56.5	56.5	<49.9	56.5	12.7
1BH27	10/7/20	5	In-Situ	-	<0.00199	<0.00199	<49.8	53.0	53.0	<49.8	53.0	9.16
1BH28	10/7/20	5	In-Situ	-	<0.00198	<0.00198	<50.0	55.9	55.9	<50.0	55.9	9.02
NMOCD Closure Criteria					10	50	-	-	-	-	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 Field and Laboratory Analytical Results - Area 1
DCP Midstream
N Line Leak
NMOCD Ref. #: nRM2006235833

Sample ID	Date	Depth (ft)	Soil Status	Field Chloride (mg/kg)	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)
1BH29	10/7/20	5	In-Situ	-	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	<50.0	8.51
1BH30	10/7/20	5	In-Situ	-	<0.00202	<0.00202	<49.9	<49.9	<49.9	<49.9	<49.9	8.81
1BH31	10/7/20	5	In-Situ	-	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	7.90
1BH32	10/7/20	5	In-Situ	-	<0.00201	<0.00201	<49.9	<49.9	<49.9	<49.9	<49.9	8.09
1BH33	10/7/20	5	In-Situ	-	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	9.39
1BH34	10/7/20	5	In-Situ	-	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	<50.0	8.23
1BH35	10/7/20	5	In-Situ	-	<0.00201	<0.00201	<49.9	54.9	54.9	<49.9	54.9	10.1
1BH36	10/7/20	5	In-Situ	-	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	7.60
1BH37	10/7/20	5	In-Situ	-	<0.00199	<0.00199	<50.0	53.9	53.9	<50.0	53.9	9.10
1BH38	10/7/20	5	In-Situ	-	<0.00201	<0.00201	<49.9	75.2	75.2	<49.9	75.2	<5.02
1BH39	10/7/20	5	In-Situ	-	<0.00200	0.00420	<49.9	87.3	87.3	<49.9	87.3	<4.96
1BH40	10/7/20	5	Excavated	-	0.00209	0.00683	<49.9	104	104	<49.9	104	<4.98
1BH41	10/7/20	5	In-Situ	-	<0.00200	<0.00200	<50.0	54.0	54.0	<50.0	54.0	<5.04
1BH42	10/7/20	5	In-Situ	-	<0.00199	<0.00199	<49.8	<49.8	<49.8	<49.8	<49.8	<5.00
1BH43	10/7/20	5	In-Situ	-	<0.00200	0.0116	<50.0	<50.0	<50.0	<50.0	<50.0	<4.99
1BH44	10/7/20	5	In-Situ	-	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	<4.98
1BH45	10/7/20	5	In-Situ	-	<0.00198	<0.00198	52.7	<49.9	52.7	<49.9	52.7	<5.00
1BH46	10/7/20	5	In-Situ	-	<0.00198	<0.00198	50.4	<49.8	50.4	<49.8	50.4	<5.04
1BH47	10/7/20	5	In-Situ	-	<0.00201	<0.00201	55.8	<50.0	55.8	<50.0	55.8	<5.00
1BH48	10/7/20	5	In-Situ	-	<0.00198	<0.00198	56.1	<50.0	56.1	<50.0	56.1	<4.96
1BH49	10/7/20	5	In-Situ	-	<0.00200	<0.00200	60.0	<49.8	60.0	<49.8	60.0	<5.03
1BH50	10/7/20	5	In-Situ	-	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	<4.95
1BH51	10/7/20	5	In-Situ	-	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	<50.0	<5.05
1BH52	10/7/20	5	In-Situ	-	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<49.8	<4.96
1SW1	10/7/20	2	In-Situ	-	<0.00200	<0.0200	<50.0	<50.0	<50.0	<50.0	<50.0	<4.98
1SW2	10/7/20	2	In-Situ	-	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<50.0	<4.98
1SW3	10/7/20	2	In-Situ	-	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	<4.99
1SW4	10/7/20	2	Excavated	-	<0.00200	<0.00200	<49.9	194	194	51.2	245	<5.04
1SW5	10/7/20	2	In-Situ	-	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	<4.98
1SW6	10/7/20	2	In-Situ	-	<0.00200	<0.00200	<49.8	90.1	90.1	<49.8	90.1	<5.00
1SW7	10/7/20	2	In-Situ	-	<0.00202	<0.00202	<50.0	90.2	90.2	<50.0	90.2	<5.03
1SW8	10/7/20	2	In-Situ	-	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	<4.95
1SW9	10/7/20	2	Excavated	-	<0.00198	<0.00198	<50.0	129	129	<50.0	129	<5.05
1SW10	10/7/20	2	In-Situ	-	<0.00199	<0.00199	<50.0	93.5	93.5	<50.0	93.5	<5.05
1BH40b	10/23/20	6	In-Situ	-	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<50.0	11.6
1SW4b	10/23/20	2	In-Situ	-	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	<49.9	13.4
1SW9b	10/23/20	2	In-Situ	-	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<49.8	13.4
NMOCD Closure Criteria					10	50	-	-	-	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 2
Summary of Soil Sample Field and Laboratory Analytical Results - Area 2
DCP Midstream
N Line Leak
NMOCD Ref. #: nRM2006235833

Sample ID	Date	Depth (ft)	Soil Status	Field Chloride (mg/kg)	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	3/16/20	Surf	Excavated	1,760	-	-	-	-	-	-	-	-
	3/16/20	1	Excavated	640	-	-	-	-	-	-	-	-
	3/16/20	2	Excavated	180	-	-	-	-	-	-	-	-
	3/16/20	3	Excavated	20	-	-	-	-	-	-	-	-
	3/16/20	4	Excavated	20	-	-	-	-	-	-	-	-
	3/16/20	5	In-Situ	20	-	-	-	-	-	-	-	-
	3/16/20	6	In-Situ	800	-	-	-	-	-	-	-	-
	3/16/20	7	In-Situ	880	-	-	-	-	-	-	-	-
	3/16/20	8	In-Situ	400	-	-	-	-	-	-	-	-
	3/16/20	10	In-Situ	160	-	-	-	-	-	-	-	-
	3/16/20	12	In-Situ	160	-	-	-	-	-	-	-	-
	3/16/20	14	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	ND
SP2	3/16/20	Surf	Excavated	1,200	-	-	-	-	-	-	-	-
	3/16/20	2	Excavated	320	-	-	-	-	-	-	-	-
	3/16/20	4	Excavated	160	-	-	-	-	-	-	-	-
	3/16/20	6	In-Situ	160	-	-	-	-	-	-	-	-
	3/16/20	8	In-Situ	160	-	-	-	-	-	-	-	-
	3/16/20	10	In-Situ	160	-	-	-	-	-	-	-	-
	3/16/20	12	In-Situ	160	-	-	-	-	-	-	-	-
	3/16/20	14	In-Situ	160	ND	ND	ND	35.6	ND	ND	ND	ND
SW1	3/17/20	Surf	In-Situ	240	-	-	-	-	-	-	-	-
	3/17/20	1	In-Situ	240	-	-	-	-	-	-	-	-
	3/17/20	2	In-Situ	240	-	-	-	-	-	-	-	-
	3/17/20	3	In-Situ	240	-	-	-	-	-	-	-	-
	3/17/20	4	In-Situ	240	ND	ND	ND	ND	ND	ND	ND	ND
SW2	3/17/20	Surf	In-Situ	160	-	-	-	-	-	-	-	-
	3/17/20	1	In-Situ	160	-	-	-	-	-	-	-	-
	3/17/20	2	In-Situ	160	-	-	-	-	-	-	-	-
	3/17/20	3	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	ND
SW3	3/16/20	Surf	In-Situ	640	-	-	-	-	-	-	-	-
	3/16/20	1	In-Situ	240	-	-	-	-	-	-	-	-
	3/16/20	2	In-Situ	400	-	-	-	-	-	-	-	-
	3/16/20	3	In-Situ	720	-	-	-	-	-	-	-	-
	3/16/20	4	In-Situ	620	-	-	-	-	-	-	-	-
	3/16/20	5	In-Situ	480	-	-	-	-	-	-	-	-
	3/16/20	6	In-Situ	400	ND	ND	ND	ND	ND	ND	ND	ND
SW4	3/16/20	Surf	In-Situ	320	-	-	-	-	-	-	-	-
	3/16/20	1	In-Situ	400	-	-	-	-	-	-	-	-
	3/16/20	2	In-Situ	1,760	-	-	-	-	-	-	-	-
	3/16/20	3	In-Situ	400	-	-	-	-	-	-	-	-
	3/16/20	4	In-Situ	400	ND	ND	ND	ND	ND	ND	ND	ND
NMOCD Closure Criteria				-	10	50	-	-	-	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 2
Summary of Soil Sample Field and Laboratory Analytical Results - Area 2
DCP Midstream
N Line Leak
NMOCD Ref. #: nRM2006235833

Sample ID	Date	Depth (ft)	Soil Status	Field Chloride (mg/kg)	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-Comp Bottom Hole	3/20/20	4	Excavated	160	ND	ND	ND	522	522	92.7	614.7	ND
SP2-Comp Bottom Hole	3/20/20	4	Excavated	320	ND	3.24	63.3	2,910	2,973	520	3,493.3	ND
SP3-Comp Bottom Hole	3/20/20	4	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	ND
SP4-Comp Bottom Hole	3/20/20	4	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	ND
SP5-Comp Bottom Hole	3/20/20	4	In-Situ	240	ND	ND	ND	ND	ND	ND	ND	ND
Comp Bottom Hole-Area2	3/20/20	4	Excavated	240	ND	ND	ND	474	474	198	672	ND
SW1	3/20/20	2	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	ND
SW2	3/20/20	2	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	ND
SW3	3/20/20	2	In-Situ	240	ND	ND	ND	ND	ND	ND	ND	ND
SW4	3/20/20	2	In-Situ	240	ND	ND	ND	ND	ND	ND	ND	ND
SW5	3/20/20	2	In-Situ	240	ND	ND	ND	53.3	53.3	ND	53.3	ND
SW6	3/20/20	2	In-Situ	240	ND	ND	ND	ND	ND	ND	ND	ND
SW7	3/20/20	2	In-Situ	320	ND	ND	ND	ND	ND	ND	ND	ND
SW8	3/20/20	2	In-Situ	160	ND	ND	ND	ND	ND	ND	ND	ND
SP1-4'	6/22/20	4	Excavated	240	ND	ND	ND	ND	ND	ND	ND	ND
SP1-10'	6/22/20	10	In-Situ	240	ND	ND	ND	ND	ND	ND	ND	ND
SP2-4'	6/22/20	4	Excavated	320	ND	ND	ND	ND	ND	ND	ND	ND
SP2-10'	6/22/20	10	In-Situ	100	ND	ND	ND	ND	ND	ND	ND	ND
2BH1	10/7/20	5	In-Situ	-	<0.00201	<0.00201	<50.0	60.0	60.0	<50.0	60.0	<5.04
2BH2	10/7/20	5	In-Situ	-	<0.00202	<0.00202	<50.0	55.0	55.0	<50.0	55.0	<4.95
2BH3	10/7/20	5	In-Situ	-	0.00519	0.0388	<49.9	<49.9	<49.9	<49.9	<49.9	<5.03
2BH4	10/7/20	5	In-Situ	-	0.00841	0.0318	<50.0	<50.0	<50.0	<50.0	<50.0	<4.96
2BH5	10/7/20	5	In-Situ	-	0.00534	0.0238	<49.9	50.6	50.6	<49.9	50.6	<5.00
2BH6	10/7/20	5	In-Situ	-	0.00451	0.0187	<49.8	<49.8	<49.8	<49.8	<49.8	<4.97
2BH7	10/7/20	5	In-Situ	-	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	<5.02
2BH8	10/7/20	5	In-Situ	-	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	<4.99
2BH9	10/7/20	5	In-Situ	-	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	<5.04
2BH10	10/7/20	5	In-Situ	-	<0.00200	0.00316	<49.9	<49.9	<49.9	<49.9	<49.9	<4.97
2BH11	10/7/20	5	In-Situ	-	<0.00201	<0.00201	<49.8	<49.8	<49.8	<49.8	<49.8	<5.00
2BH12	10/7/20	5	In-Situ	-	<0.00201	<0.00201	<50.0	59.4	59.4	<50.0	59.4	<5.03
2BH13	10/7/20	5	In-Situ	-	0.00591	0.0198	<50.0	62.2	62.2	<50.0	62.2	<4.98
2BH14	10/7/20	5	In-Situ	-	<0.00202	<0.00202	<50.0	65.2	65.2	<50.0	65.2	<5.00
2BH15	10/7/20	5	In-Situ	-	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	<5.03
2BH16	10/7/20	5	In-Situ	-	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	<4.98
2SW1	10/7/20	2	Excavated	-	<0.00201	<0.00201	<49.9	148	148	51.4	199	<5.00
2SW2	10/7/20	2	In-Situ	-	0.00398	0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<5.00
2SW3	10/7/20	2	In-Situ	-	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	<50.0	<5.05
2SW4	10/7/20	2	In-Situ	-	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	<50.0	<4.99
2SW5	10/7/20	2	In-Situ	-	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	7.15
2SW6	10/7/20	2	In-Situ	-	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<49.8	8.37
2SW7	10/7/20	2	In-Situ	-	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	8.19
2SW8	10/7/20	2	In-Situ	-	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	<49.9	7.73
2SW1b	10/23/20	2	In-Situ	-	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<50.0	12.2
NMOCD Closure Criteria				-	10	50	-	-	-	-	100	600

NOTES:

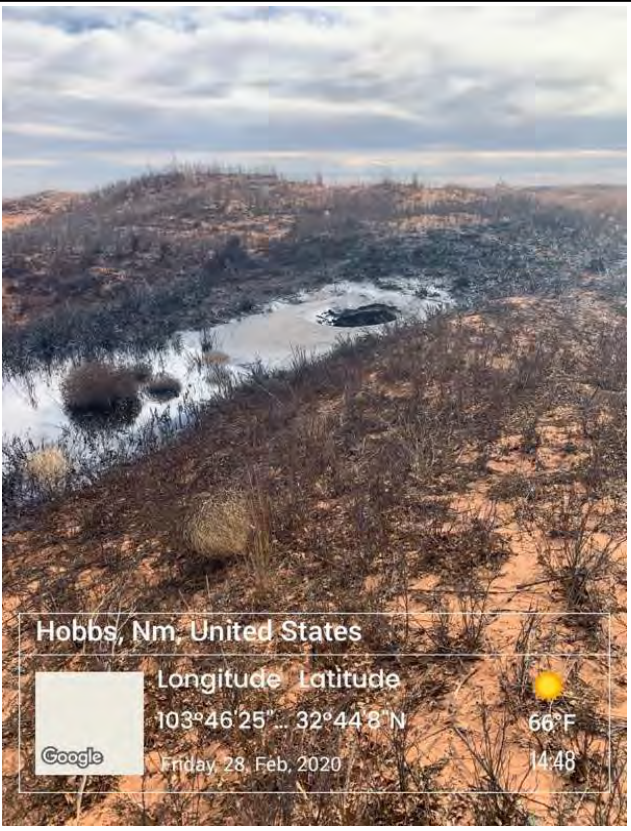
- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

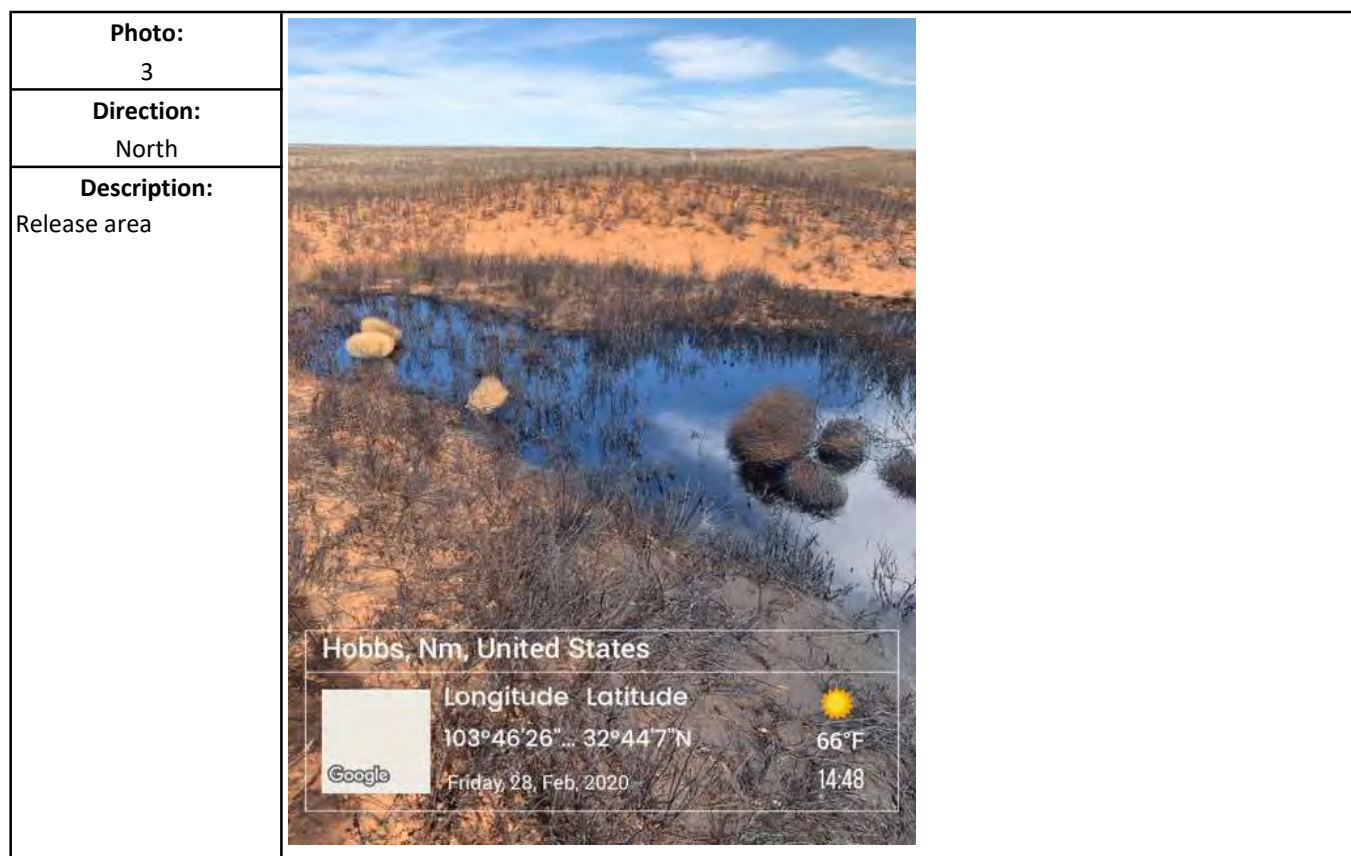
Attachment I Site Photographs

Photographs

Photo: 1	
Direction: Northeast	
Description: Point of release	

Photo: 2	
Direction: Northeast	
Description: Point of release	

Photographs



Photographs

Photo: 5	
Direction: Southwest	
Description: Excavation activities	

Photo: 6	
Direction: Southeast	
Description: Excavation activities	

Photographs

Photo: 7	
Direction: North	
Description: Excavation activities	

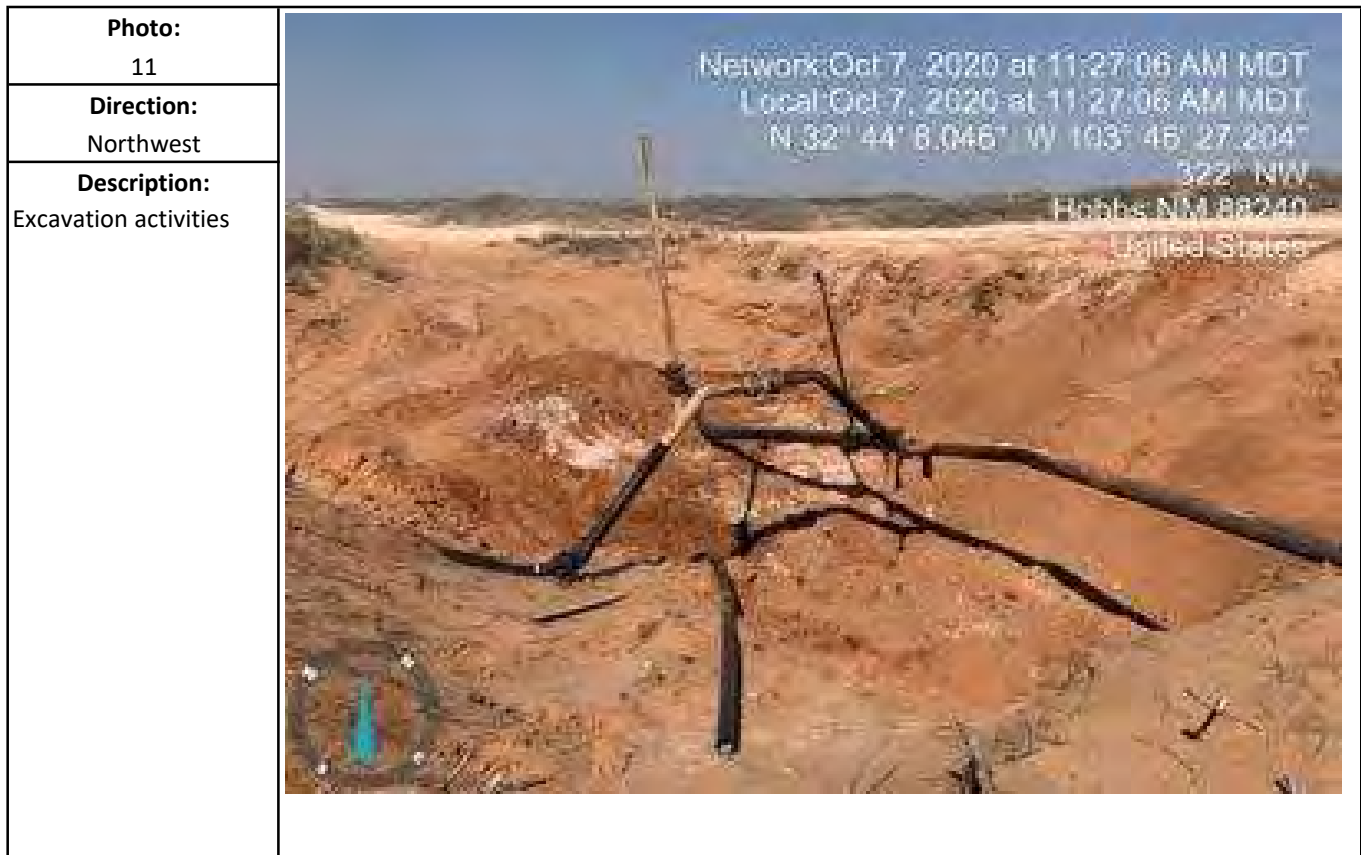
Photo: 8	
Direction: Southeast	
Description: Excavation activities	

Photographs

Photo: 9	
Direction: South	
Description: Excavation activities	

Photo: 10	
Direction: South	
Description: Excavation activities	

Photographs

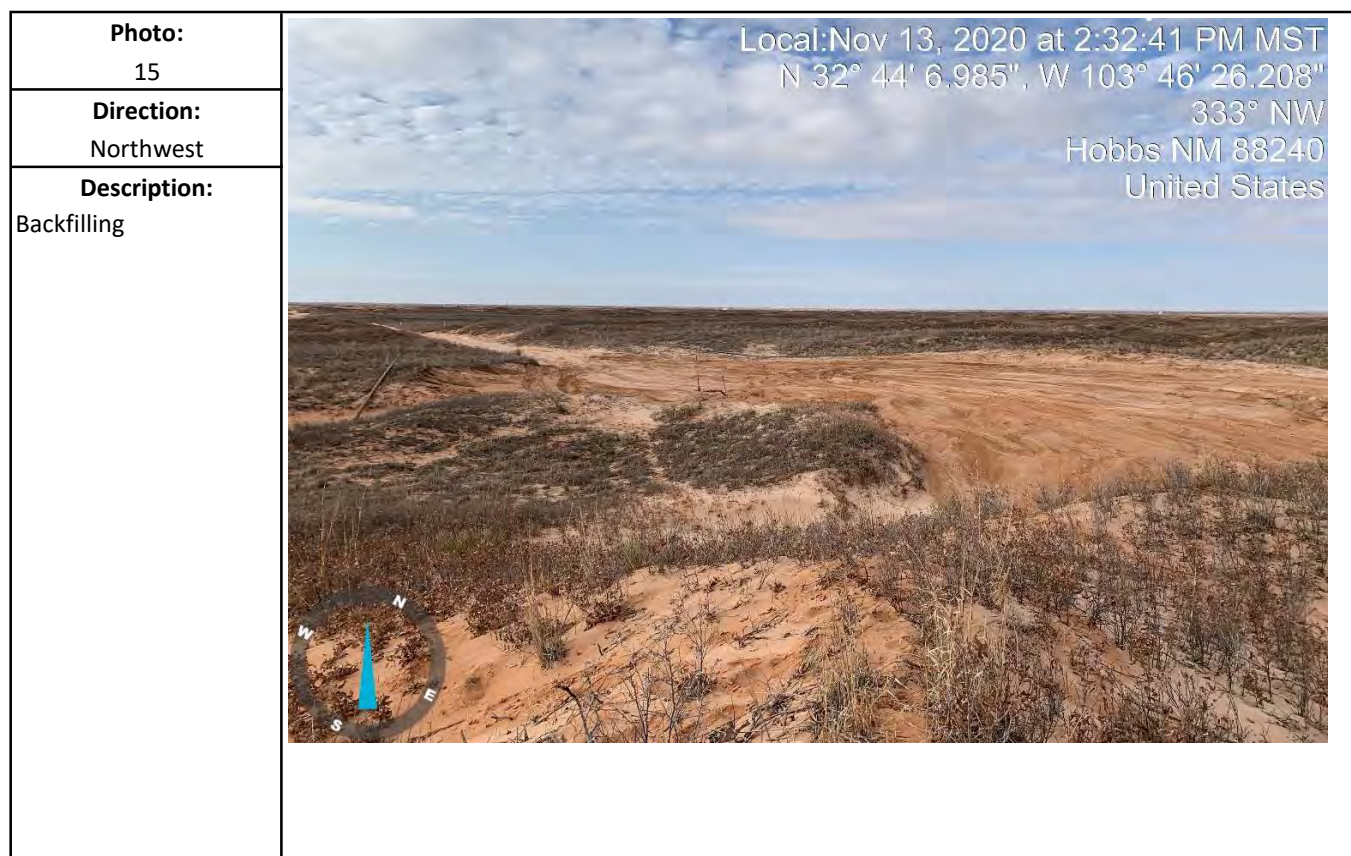


Photographs

Photo: 13	
Direction: Southeast	
Description: Excavation activities	

Photo: 14	
Direction: South	
Description: Excavation activities	

Photographs



Photographs

Photo: 17	Network: Nov 16, 2020 at 10:18:06 AM MST Local: Nov 16, 2020 at 10:18:06 AM MST N 32° 44' 8.890", W 103° 46' 30.235" 340° N Hobbs NM 88240 United States 
Direction: North	
Description: Backfill complete	

Photo: 18	Network: Nov 16, 2020 at 10:18:03 AM MST Local: Nov 16, 2020 at 10:18:03 AM MST N 32° 44' 8.890", W 103° 46' 30.235" 24° NE Hobbs NM 88240 United States 
Direction: Northeast	
Description: Backfill complete	

Attachment II

Depth to Groundwater Information



New Mexico Office of the State Engineer

Wells with Well Log Information

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right 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	Source	q 6	q 1	q 4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
CP 00677	CP	LE			1	1	26	18S	32E		617750	3621373*	3130	05/09/1985	05/09/1985	05/15/1985	700		GLENN, CLARK A."CORKY" (LD)	421
CP 00672	CP	LE	Shallow		4	4	07	18S	32E		612475	3624947*	3343	07/17/1992	08/07/1992	08/12/1992	524	430	ABBOTT, MURRELL	46
CP 00672 CLW475398	O	CP	LE	Shallow	4	4	07	18S	32E		612475	3624947*	3343	01/22/1985	01/29/1985	02/08/1985	540	460	FELKINS, LARRY	882

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 614880.16

Northing (Y): 3622624

Radius: 3500

*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.

6/30/20 12:04 PM

Page 1 of 1

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
CP 00677		1	1	26	18S	32E	617750	3621373*	

Driller License: 421	Driller Company: GLENN'S WATER WELL SERVICE	
Driller Name: GLENN, CLARK A."CORKY" (LD)		
Drill Start Date: 05/09/1985	Drill Finish Date: 05/09/1985	Plug Date:
Log File Date: 05/15/1985	PCW Rcv Date:	Source:
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size:	Depth Well: 700 feet	Depth Water:

*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.

2/29/20 9:57 AM

Page 1 of 1

POD SUMMARY - CP 00677



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
CP	00672	4	4	07	18S	32E	612475	3624947*	

Driller License: 46	Driller Company: ABBOTT BROTHERS COMPANY
Driller Name: ABBOTT, MURRELL	
Drill Start Date: 07/17/1992	Drill Finish Date: 08/07/1992
Log File Date: 08/12/1992	PCW Rcv Date:
Pump Type:	Pipe Discharge Size:
Casing Size: 5.50	Depth Well: 524 feet
	Depth Water: 430 feet

Water Bearing Stratifications:	Top	Bottom	Description
	460	517	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	459	524

*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.

2/29/20 9:57 AM

Page 1 of 1

POD SUMMARY - CP 00672



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
CP 00672	CLW475398	4	4	07	18S	32E	612475	3624947*	

Driller License: 882	Driller Company: LARRY'S DRILLING & PUMP CO.	
Driller Name: FELKINS, LARRY		
Drill Start Date: 01/22/1985	Drill Finish Date: 01/29/1985	Plug Date:
Log File Date: 02/08/1985	PCW Rcv Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield: 12 GPM
Casing Size: 6.63	Depth Well: 540 feet	Depth Water: 460 feet

Water Bearing Stratifications:	Top	Bottom	Description
	498	510	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	480	540

*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.

2/29/20 9:57 AM

Page 1 of 1

POD SUMMARY - CP 00672 CLW475398



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category:	Geographic Area:	
Groundwater	United States	GO

Click to hideNews Bulletins

- [Introducing The Next Generation of USGS Water Data for the Nation](#)
- [Full News](#) 

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs

site_no list =
• 324342103451501

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 324342103451501 18S.32E.22.32322

Lea County, New Mexico

Latitude 32°43'42", Longitude 103°45'15" NAD27

Land-surface elevation 3,761 feet above NAVD88

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1968-03-18		D	431.60				2		U	
1971-04-06		D	434.41				2		U	
1976-05-21		D	427.89				2		U	
1981-03-12		D	428.24				2		U	
1986-03-25		D	429.49				2		U	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)
[Explanation of terms](#)
[Subscribe for system changes](#)
[News](#)

[Accessibility](#) [Plug-Ins](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

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



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

Page Last Modified: 2020-06-30 14:21:44 EDT

0.29 0.27 nadww01



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category:	Geographic Area:	
Groundwater	United States	GO

Click to hideNews Bulletins

- [Introducing The Next Generation of USGS Water Data for the Nation](#)
- [Full News](#)

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324356103471601

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

USGS 324356103471601 18S.32E.20.14411

Lea County, New Mexico
Latitude 32°43'56", Longitude 103°47'16" NAD27
Land-surface elevation 3,746 feet above NAVD88
The depth of the well is 270 feet below land surface.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1968-03-18		D	215.85				2	R		U
1971-02-23		D	179.35				2			U
1976-05-27		D	173.51				2			U
1981-03-12		D	168.27				2			U
1986-03-25		D	165.60				2			U
1991-05-14		D	164.34				2			U

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Status	R	Site had been pumped recently.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions about sites/data?](#)
[Feedback on this web site](#)
[Automated retrievals](#)
[Help](#)
[Data Tips](#)
[Explanation of terms](#)
[Subscribe for system changes](#)
[News](#)

[Accessibility](#) [Plug-Ins](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

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



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

Page Last Modified: 2020-06-30 14:26:55 EDT

0.25 0.22 nadww01



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category:	Geographic Area:	
Groundwater	United States	GO

Click to hideNews Bulletins

- [Introducing The Next Generation of USGS Water Data for the Nation](#)
- [Full News](#)

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324458103454301

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

USGS 324458103454301 18S.32E.16.22433

Lea County, New Mexico
Latitude 32°45'05", Longitude 103°45'51" NAD27
Land-surface elevation 3,796.00 feet above NGVD29
The depth of the well is 100 feet below land surface.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1968-03-18		D	84.18			2		U		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

- [Questions about sites/data?](#)
[Feedback on this web site](#)
[Automated retrievals](#)
[Help](#)
[Data Tips](#)
[Explanation of terms](#)
[Subscribe for system changes](#)
[News](#)

[Accessibility](#) [Plug-Ins](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

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



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

Page Last Modified: 2020-06-30 14:25:20 EDT

0.25 0.23 nadww01

Attachment III Field Data

10/7/20	Chlorides	PiD
1 BH1	420	.25
1 BH2	290	.20
1 BH3	284	.10
1 BH4	<50	.15
1 BH5	480	0.0 molecular
1 BH6	210	.10
1 BH7	<50	.10
1 BH8	<50	.20
1 BH9	400	0.0
1 BH10	380	0.10
1 BH11	200	0.10
1 BH12	220	0.15
1 BH13	200	0.00
1 BH14	<50	0.00
1 BH15	304	.25
1 BH16	300	.25
1 BH17	<50	0.0
1 BH18	<50	0.00-
1 BH19	<50	-
1 BH20	290	.10
1 BH21	160	.10
1 BH22	140	.25
1 BH23	280	0.0
1 BH24	400	0.0
1 BH25	<50	0.1

10/7/20		pid.
1 BH 26	450	.0
1 BH 27	270	.1
1 BH 28	256	1.2
1 BH 29	300	.0
1 BH 30	206	conduct
1 BH 40 31	200	0.0
1 BH 32	480	1.0
1 BH 33	650	1.1
1 BH 34	290	1.0
1 BH 35	420	1.1
1 BH 36	300	1.0
1 BH 37	320	.0
1 BH 38	330	.0
1 BH 39	334	1.2
1 BH 40	450	1.4
1 BH 41	450	1.2
1 BH 42	270	0.0
1 BH 43	200	0.0
1 BH 44	204	0.0
1 BH 45	200	1.2
1 BH 46	300	0.0
1 BH 47	304	1.0
1 BH 48	450	1.0
1 BH 49	420	0.0
1 BH 50	400	.00
1 BH 51	404	.00
1 BH 52	400	

10/7/20	Chloride	Did
1SN1	<50	0.0
1SN2	<50	0.1
1SN3	190	0.0
1SN4	260	0.0
1SN5	258	0.1
1SN6	200	0.1
1SN7	200	0.1
1SN8	<50	0.0
1SN9	<50	0.0
1SN10	250	0.0

Area 2

	Chloride	Did
2BH1	120	0.0
2BH2	120	0.1
2BH3	140	0.0
2BH4	290	0.2
2BH5	<50	0.1
2BH6	<50	0.0
2BH7	300	0.1
2BH8	304	1.0
2BH9	<50	1.2
2BH10	290	1.0
2BH11	220	0.0
2BH12	224	0.1

	10/7/20	CHRONICLE	PID
2BH13	290	-	00
2BH14	204	-	00
2BH15	200		1.0
2BH16	190		0.1

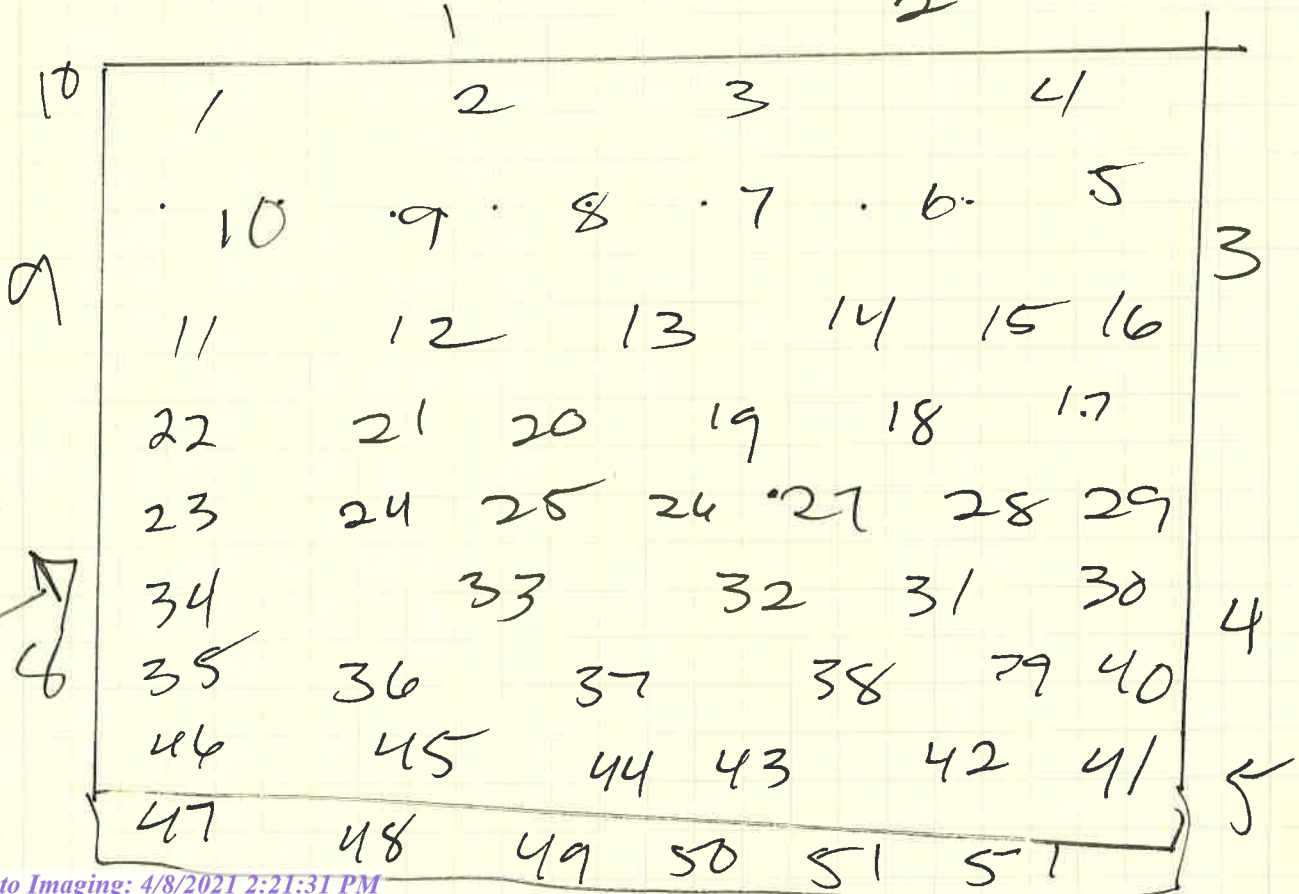
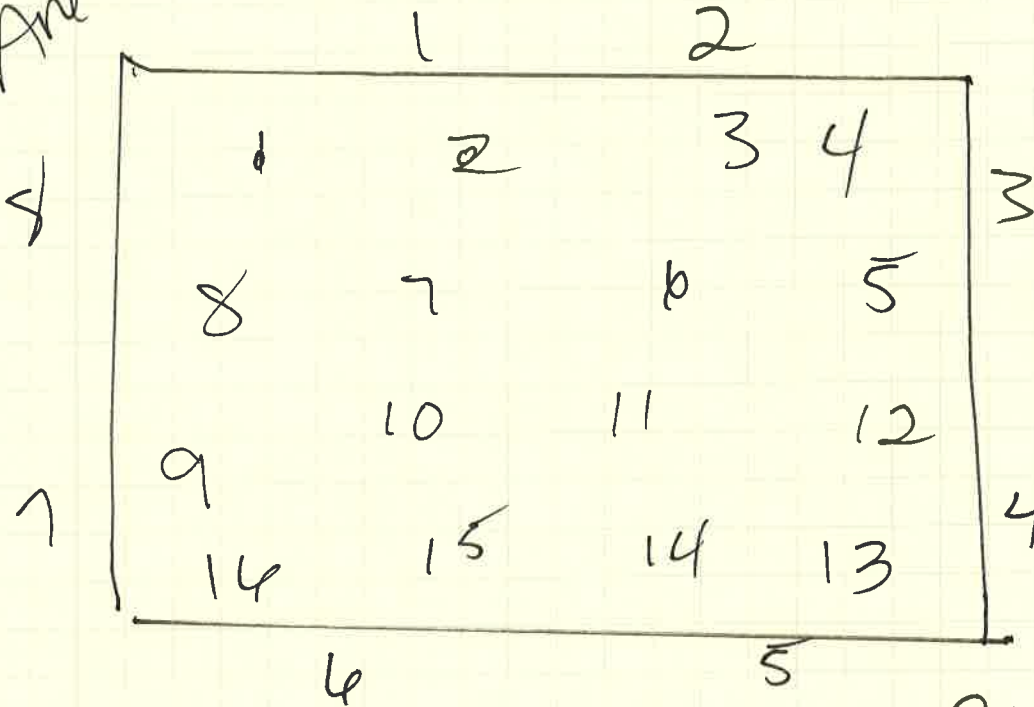
2BH SW1	CSO		.0
2BH SW2	CSO		.1
2BH SW3	120		.1
2BH SW4	CSO		.0
2BH SW5	124		.0
2BH SW6	120		.0
2BH SW7	CSO		.1
2BH SW8	CSO		.0

Area	10/23/00	cntrnd	Did
	1BH40b	<50	.0
	1SW4b	120	.1
	1SW9b	120	.0

Area 2		
2SW1b	<50	.0

- DCP N-LINE Leak - 10-23-00
Bottom Hole-Composite

Area 2



Attachment IV

Laboratory Analytical Reports

Certificate of Analysis Summary 674626



Hungry Horse LLC, Hobbs, NM

Project Name: DCP

Project Id:

Date Received in Lab: Thu 10.08.2020 11:40

Contact: Daniel Dominquez

Report Date: 10.14.2020 15:40

Project Location: N-Line Leak

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	674626-001	674626-002	674626-003	674626-004	674626-005	674626-006
	<i>Field Id:</i>	1 BH 1	1 BH 2	1 BH 3	1 BH 4	1 BH 5	1 BH 6
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	10.08.2020 14:30	10.08.2020 14:30	10.08.2020 14:30	10.08.2020 14:30	10.08.2020 14:30	10.08.2020 14:30
	<i>Analyzed:</i>	10.08.2020 17:48	10.08.2020 18:09	10.08.2020 18:29	10.08.2020 18:50	10.08.2020 19:10	10.08.2020 19:31
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		0.00871 X 0.00198	0.0112 0.00199	0.00968 0.00200	0.0154 0.00200	0.00469 0.00198	0.0101 0.00199
Toluene		0.0179 X 0.00198	0.0248 0.00199	0.0165 0.00200	0.0269 0.00200	0.00855 0.00198	0.0281 0.00199
Ethylbenzene		<0.00198 0.00198	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	0.00218 0.00199
m,p-Xylenes		<0.00397 0.00397	<0.00398 0.00398	<0.00399 0.00399	<0.00399 0.00399	<0.00397 0.00397	<0.00398 0.00398
o-Xylene		<0.00198 0.00198	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
Total Xylenes		<0.00198 0.00198	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199
Total BTEX		0.0266 0.00198	0.0360 0.00199	0.0262 0.00200	0.0423 0.00200	0.0132 0.00198	0.0404 0.00199
Chloride by EPA 300	<i>Extracted:</i>	10.08.2020 16:40	10.08.2020 16:40	10.08.2020 16:40	10.08.2020 16:40	10.08.2020 16:40	10.08.2020 16:40
	<i>Analyzed:</i>	10.09.2020 00:24	10.09.2020 00:30	10.09.2020 11:55	10.09.2020 12:00	10.09.2020 12:05	10.09.2020 12:11
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		11.0 4.99	8.71 4.96	9.49 4.98	8.35 5.02	9.10 5.04	8.52 4.96
TPH By SW8015 Mod	<i>Extracted:</i>	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00
	<i>Analyzed:</i>	10.10.2020 12:14	10.10.2020 13:12	10.10.2020 13:31	10.10.2020 13:51	10.10.2020 14:10	10.11.2020 08:29
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0
Diesel Range Organics (DRO)		<50.0 50.0	<50.0 50.0	50.4 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0
Total TPH		<50.0 50.0	<50.0 50.0	50.4 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Certificate of Analysis Summary 674626



Hungry Horse LLC, Hobbs, NM

Project Name: DCP

Project Id:

Date Received in Lab: Thu 10.08.2020 11:40

Contact: Daniel Dominquez

Report Date: 10.14.2020 15:40

Project Location: N-Line Leak

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	674626-007	674626-008	674626-009	674626-010	674626-011	674626-012
	<i>Field Id:</i>	1 BH 7	1 BH 8	1 BH 9	1 BH 10	1 BH 11	1 BH 12
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	10.08.2020 14:30	10.08.2020 14:30	10.08.2020 14:30	10.08.2020 14:30	10.09.2020 15:45	10.09.2020 15:45
	<i>Analyzed:</i>	10.08.2020 19:52	10.08.2020 20:12	10.08.2020 20:33	10.08.2020 20:53	10.09.2020 22:46	10.09.2020 23:07
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		0.00416 0.00202	0.0132 0.00202	0.0168 0.00198	0.0200 0.00200	<0.00200 0.00200	<0.00198 0.00198
Toluene		0.00850 0.00202	0.0249 0.00202	0.0334 0.00198	0.0472 0.00200	<0.00200 0.00200	<0.00198 0.00198
Ethylbenzene		<0.00202 0.00202	<0.00202 0.00202	<0.00198 0.00198	0.00218 0.00200	<0.00200 0.00200	<0.00198 0.00198
m,p-Xylenes		<0.00403 0.00403	<0.00404 0.00404	<0.00397 0.00397	<0.00400 0.00400	<0.00400 0.00400	<0.00396 0.00396
o-Xylene		<0.00202 0.00202	<0.00202 0.00202	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198
Total Xylenes		<0.00202 0.00202	<0.00202 0.00202	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198
Total BTEX		0.0127 0.00202	0.0381 0.00202	0.0502 0.00198	0.0694 0.00200	<0.00200 0.00200	<0.00198 0.00198
Chloride by EPA 300	<i>Extracted:</i>	10.08.2020 16:40	10.08.2020 16:40	10.08.2020 16:40	10.08.2020 16:40	10.08.2020 16:40	10.08.2020 16:40
	<i>Analyzed:</i>	10.09.2020 12:16	10.09.2020 12:21	10.09.2020 12:37	10.09.2020 12:42	10.09.2020 12:58	10.09.2020 13:03
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		8.64 4.95	9.29 X 5.04	10.7 4.99	8.65 4.97	8.80 4.96	7.99 5.03
TPH By SW8015 Mod	<i>Extracted:</i>	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00
	<i>Analyzed:</i>	10.10.2020 14:49	10.10.2020 15:09	10.10.2020 15:28	10.10.2020 15:47	10.10.2020 16:26	10.10.2020 16:46
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8
Diesel Range Organics (DRO)		<49.9 49.9	64.0 50.0	64.3 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8
Motor Oil Range Hydrocarbons (MRO)		<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8
Total TPH		<49.9 49.9	64.0 50.0	64.3 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Hungry Horse LLC, Hobbs, NM

Project Name: DCP

Project Id:

Date Received in Lab: Thu 10.08.2020 11:40

Contact: Daniel Dominquez

Report Date: 10.14.2020 15:40

Project Location: N-Line Leak

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	674626-013	674626-014	674626-015	674626-016	674626-017	674626-018
	<i>Field Id:</i>	1 BH 13	1 BH 14	1 BH 15	1 BH 16	1 BH 17	1 BH 18
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	10.09.2020 15:45	10.09.2020 15:45	10.09.2020 15:45	10.09.2020 15:45	10.09.2020 15:45	10.09.2020 15:45
	<i>Analyzed:</i>	10.09.2020 23:27	10.09.2020 23:48	10.10.2020 00:09	10.10.2020 00:29	10.10.2020 00:50	10.10.2020 12:17
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00201 0.00201	<0.00200 0.00200	<0.00200 0.00200
Toluene		<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00201 0.00201	<0.00200 0.00200	<0.00200 0.00200
Ethylbenzene		<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00201 0.00201	<0.00200 0.00200	<0.00200 0.00200
m,p-Xylenes		<0.00397 0.00397	<0.00397 0.00397	<0.00398 0.00398	<0.00402 0.00402	<0.00399 0.00399	<0.00400 0.00400
o-Xylene		<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00201 0.00201	<0.00200 0.00200	<0.00200 0.00200
Total Xylenes		<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00201 0.00201	<0.00200 0.00200	<0.00200 0.00200
Total BTEX		<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00201 0.00201	<0.00200 0.00200	<0.00200 0.00200
Chloride by EPA 300	<i>Extracted:</i>	10.08.2020 16:40	10.08.2020 16:40	10.08.2020 16:40	10.08.2020 16:40	10.08.2020 16:40	10.08.2020 17:25
	<i>Analyzed:</i>	10.09.2020 13:09	10.09.2020 13:14	10.09.2020 13:19	10.09.2020 13:24	10.09.2020 13:30	10.09.2020 09:17
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		9.67 5.02	9.01 4.98	10.5 4.99	9.56 4.99	9.48 4.99	8.96 X 4.97
TPH By SW8015 Mod	<i>Extracted:</i>	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00
	<i>Analyzed:</i>	10.10.2020 17:06	10.10.2020 17:25	10.10.2020 17:44	10.10.2020 18:04	10.10.2020 18:23	10.10.2020 18:43
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.9 49.9	49.8 49.8
Diesel Range Organics (DRO)		65.2 50.0	55.2 50.0	60.4 50.0	<49.9 49.9	66.5 49.9	<49.8 49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.9 49.9	<49.8 49.8
Total TPH		65.2 50.0	55.2 50.0	60.4 50.0	<49.9 49.9	66.5 49.9	49.8 49.8

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Certificate of Analysis Summary 674626



Hungry Horse LLC, Hobbs, NM

Project Name: DCP

Project Id:

Date Received in Lab: Thu 10.08.2020 11:40

Contact: Daniel Dominquez

Report Date: 10.14.2020 15:40

Project Location: N-Line Leak

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	674626-019	674626-020	674626-021	674626-022	674626-023	674626-024
	<i>Field Id:</i>	1 BH 19	1 BH 20	1 BH 21	1 BH 22	1 BH 23	1 BH 24
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	10.09.2020 15:45	10.09.2020 15:45	10.09.2020 17:00	10.09.2020 17:00	10.12.2020 09:00	10.09.2020 17:00
	<i>Analyzed:</i>	10.10.2020 12:17	10.10.2020 12:17	10.10.2020 05:35	10.10.2020 05:56	10.12.2020 14:30	10.10.2020 06:37
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00200 0.00200	<0.00200 0.00200	0.0124 X 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198
Toluene		<0.00200 0.00200	<0.00200 0.00200	0.00491 X 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198
Ethylbenzene		<0.00200 0.00200	<0.00200 0.00200	0.00516 X 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198
m,p-Xylenes		<0.00400 0.00400	<0.00400 0.00400	0.00516 X 0.00398	<0.00398 0.00398	<0.00399 0.00399	<0.00396 0.00396
o-Xylene		<0.00200 0.00200	<0.00200 0.00200	0.00563 X 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198
Total Xylenes		<0.00200 0.00200	<0.00200 0.00200	0.0108 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198
Total BTEX		<0.00200 0.00200	<0.00200 0.00200	0.0333 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198
Chloride by EPA 300	<i>Extracted:</i>	10.08.2020 17:25	10.08.2020 17:25	10.08.2020 17:25	10.08.2020 17:25	10.08.2020 17:25	10.08.2020 17:25
	<i>Analyzed:</i>	10.09.2020 09:33	10.09.2020 09:38	10.09.2020 09:43	10.09.2020 09:48	10.09.2020 10:04	10.09.2020 10:10
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		8.13 5.04	10.4 5.03	9.16 4.98	14.6 4.99	10.2 5.02	9.17 5.00
TPH By SW8015 Mod	<i>Extracted:</i>	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 10:00	10.10.2020 10:00	10.10.2020 10:00	10.10.2020 10:00
	<i>Analyzed:</i>	10.10.2020 19:02	10.10.2020 19:21	10.10.2020 20:58	10.10.2020 21:56	10.10.2020 22:15	10.10.2020 22:35
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.8 49.8
Diesel Range Organics (DRO)		<50.0 50.0	69.1 50.0	73.0 50.0	64.8 50.0	71.8 50.0	86.5 49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.8 49.8
Total TPH		<50.0 50.0	69.1 50.0	73.0 50.0	64.8 50.0	71.8 50.0	86.5 49.8

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Certificate of Analysis Summary 674626

Hungry Horse LLC, Hobbs, NM

Project Name: DCP

Project Id:

Contact: Daniel Dominquez

Project Location: N-Line Leak

Date Received in Lab: Thu 10.08.2020 11:40

Report Date: 10.14.2020 15:40

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	674626-025	674626-026	674626-027	674626-028	674626-029	674626-030
	<i>Field Id:</i>	1 BH 25	1 BH 26	1 BH 27	1 BH 28	1 BH 29	1 BH 30
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	10.09.2020 17:00	10.09.2020 17:00	10.09.2020 17:00	10.09.2020 17:00	10.09.2020 17:00	10.09.2020 17:00
	<i>Analyzed:</i>	10.10.2020 06:58	10.10.2020 07:19	10.10.2020 07:40	10.10.2020 08:01	10.10.2020 08:22	10.10.2020 08:42
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198	<0.00202 0.00202
Toluene		<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198	<0.00202 0.00202
Ethylbenzene		<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198	<0.00202 0.00202
m,p-Xylenes		<0.00400 0.00400	<0.00401 0.00401	<0.00398 0.00398	<0.00397 0.00397	<0.00396 0.00396	<0.00403 0.00403
o-Xylene		<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198	<0.00202 0.00202
Total Xylenes		<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198	<0.00202 0.00202
Total BTEX		<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198	<0.00202 0.00202
Chloride by EPA 300	<i>Extracted:</i>	10.08.2020 17:25	10.08.2020 17:25	10.08.2020 17:25	10.08.2020 17:25	10.08.2020 17:25	10.08.2020 17:25
	<i>Analyzed:</i>	10.09.2020 10:15	10.09.2020 10:20	10.09.2020 10:25	10.09.2020 10:31	10.09.2020 10:46	10.09.2020 10:52
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		9.75 5.00	12.7 5.00	9.16 4.97	9.02 X 4.96	8.51 4.95	8.81 5.05
TPH By SW8015 Mod	<i>Extracted:</i>	10.10.2020 10:00	10.10.2020 10:00	10.10.2020 10:00	10.10.2020 10:00	10.10.2020 10:00	10.10.2020 10:00
	<i>Analyzed:</i>	10.10.2020 22:54	10.10.2020 23:13	10.10.2020 23:33	10.10.2020 23:52	10.11.2020 00:11	10.11.2020 00:30
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<49.9 49.9	<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0	<49.9 49.9
Diesel Range Organics (DRO)		75.8 49.9	56.5 49.9	53.0 49.8	55.9 50.0	<50.0 50.0	<49.9 49.9
Motor Oil Range Hydrocarbons (MRO)		<49.9 49.9	<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0	<49.9 49.9
Total TPH		75.8 49.9	56.5 49.9	53.0 49.8	55.9 50.0	<50.0 50.0	<49.9 49.9

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico





Hungry Horse LLC, Hobbs, NM

Project Name: DCP

Project Id:

Date Received in Lab: Thu 10.08.2020 11:40

Contact: Daniel Dominquez

Report Date: 10.14.2020 15:40

Project Location: N-Line Leak

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	674626-031	674626-032	674626-033	674626-034	674626-035	674626-036
	<i>Field Id:</i>	1 BH 31	1 BH 32	1 BH 33	1 BH 34	1 BH 35	1 BH 36
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	10.09.2020 17:00	10.09.2020 17:00	10.09.2020 17:00	10.09.2020 17:00	10.09.2020 17:00	10.09.2020 17:00
	<i>Analyzed:</i>	10.10.2020 10:23	10.10.2020 10:43	10.10.2020 11:04	10.10.2020 11:25	10.10.2020 11:45	10.10.2020 12:06
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00200 0.00200	<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00201 0.00201	<0.00199 0.00199
Toluene		<0.00200 0.00200	<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00201 0.00201	<0.00199 0.00199
Ethylbenzene		<0.00200 0.00200	<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00201 0.00201	<0.00199 0.00199
m,p-Xylenes		<0.00401 0.00401	<0.00402 0.00402	<0.00398 0.00398	<0.00397 0.00397	<0.00402 0.00402	<0.00398 0.00398
o-Xylene		<0.00200 0.00200	<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00201 0.00201	<0.00199 0.00199
Total Xylenes		<0.00200 0.00200	<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00201 0.00201	<0.00199 0.00199
Total BTEX		<0.00200 0.00200	<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00201 0.00201	<0.00199 0.00199
Chloride by EPA 300	<i>Extracted:</i>	10.08.2020 17:25	10.08.2020 17:25	10.08.2020 17:25	10.08.2020 17:25	10.08.2020 17:25	10.08.2020 17:25
	<i>Analyzed:</i>	10.09.2020 11:07	10.09.2020 11:13	10.09.2020 11:18	10.09.2020 11:23	10.09.2020 11:29	10.09.2020 11:34
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		7.90 5.02	8.09 4.97	9.39 5.01	8.23 5.03	10.1 5.03	7.60 5.05
TPH By SW8015 Mod	<i>Extracted:</i>	10.10.2020 10:00	10.10.2020 10:00	10.10.2020 10:00	10.10.2020 10:00	10.10.2020 10:00	10.10.2020 10:00
	<i>Analyzed:</i>	10.11.2020 01:09	10.11.2020 01:28	10.11.2020 01:47	10.11.2020 02:06	10.11.2020 02:25	10.11.2020 02:45
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<49.9 49.9	<49.9 49.9	<50.0 50.0	<49.9 49.9	<50.0 50.0
Diesel Range Organics (DRO)		<50.0 50.0	<49.9 49.9	<49.9 49.9	<50.0 50.0	54.9 49.9	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<49.9 49.9	<49.9 49.9	<50.0 50.0	<49.9 49.9	<50.0 50.0
Total TPH		<50.0 50.0	<49.9 49.9	<49.9 49.9	<50.0 50.0	54.9 49.9	<50.0 50.0

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Certificate of Analysis Summary 674626



Hungry Horse LLC, Hobbs, NM

Project Name: DCP

Project Id:

Date Received in Lab: Thu 10.08.2020 11:40

Contact: Daniel Dominquez

Report Date: 10.14.2020 15:40

Project Location: N-Line Leak

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	674626-037	674626-038	674626-039	674626-040	674626-041	674626-042
	<i>Field Id:</i>	1 BH 37	1 BH 38	1 BH 39	1 BH 40	1 BH 41	1 BH 42
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	10.09.2020 17:00	10.09.2020 17:00	10.09.2020 17:00	10.09.2020 17:00	10.10.2020 09:00	10.10.2020 09:00
	<i>Analyzed:</i>	10.10.2020 12:27	10.10.2020 12:48	10.10.2020 13:08	10.10.2020 13:29	10.10.2020 17:24	10.10.2020 17:45
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00199 0.00199	<0.00201 0.00201	<0.00200 0.00200	0.00209 0.00202	<0.00200 0.00200	<0.00199 0.00199
Toluene		<0.00199 0.00199	<0.00201 0.00201	0.00420 0.00200	0.00474 0.00202	<0.00200 0.00200	<0.00199 0.00199
Ethylbenzene		<0.00199 0.00199	<0.00201 0.00201	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199
m,p-Xylenes		<0.00398 0.00398	<0.00402 0.00402	<0.00399 0.00399	<0.00403 0.00403	<0.00401 0.00401	<0.00398 0.00398
o-Xylene		<0.00199 0.00199	<0.00201 0.00201	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199
Total Xylenes		<0.00199 0.00199	<0.00201 0.00201	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199
Total BTEX		<0.00199 0.00199	<0.00201 0.00201	0.00420 0.00200	0.00683 0.00202	<0.00200 0.00200	<0.00199 0.00199
Chloride by EPA 300	<i>Extracted:</i>	10.08.2020 17:25	10.09.2020 10:00	10.09.2020 10:00	10.09.2020 10:00	10.09.2020 10:00	10.09.2020 10:00
	<i>Analyzed:</i>	10.09.2020 11:39	10.09.2020 14:29	10.09.2020 14:48	10.09.2020 14:54	10.09.2020 15:01	10.09.2020 15:07
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		9.10 4.98	<5.02 5.02	<4.96 4.96	<4.98 4.98	<5.04 5.04	<5.00 5.00
TPH By SW8015 Mod	<i>Extracted:</i>	10.10.2020 10:00	10.10.2020 10:00	10.10.2020 10:00	10.10.2020 10:00	10.11.2020 10:00	10.11.2020 10:00
	<i>Analyzed:</i>	10.11.2020 03:04	10.11.2020 03:23	10.11.2020 03:42	10.11.2020 04:01	10.11.2020 14:32	10.11.2020 15:30
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<49.9 49.9	<49.9 49.9	<49.9 49.9	<50.0 50.0	<49.8 49.8
Diesel Range Organics (DRO)		53.9 50.0	75.2 49.9	87.3 49.9	104 49.9	54.0 50.0	<49.8 49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<49.9 49.9	<49.9 49.9	<49.9 49.9	<50.0 50.0	<49.8 49.8
Total TPH		53.9 50.0	75.2 49.9	87.3 49.9	104 49.9	54.0 50.0	<49.8 49.8

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Certificate of Analysis Summary 674626

Hungry Horse LLC, Hobbs, NM

Project Name: DCP

Project Id:

Contact: Daniel Dominquez

Project Location: N-Line Leak

Date Received in Lab: Thu 10.08.2020 11:40

Report Date: 10.14.2020 15:40

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	674626-043	674626-044	674626-045	674626-046	674626-047	674626-048
	<i>Field Id:</i>	1 BH 43	1 BH 44	1 BH 45	1 BH 46	1 BH 47	1 BH 48
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	10.12.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.12.2020 16:15
	<i>Analyzed:</i>	10.12.2020 18:42	10.10.2020 18:29	10.10.2020 18:49	10.10.2020 19:10	10.10.2020 19:31	10.13.2020 09:09
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198	<0.00201 0.00201	<0.00198 0.00198
Toluene		0.0116 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198	<0.00201 0.00201	<0.00198 0.00198
Ethylbenzene		<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198	<0.00201 0.00201	<0.00198 0.00198
m,p-Xylenes		<0.00400 0.00400	<0.00398 0.00398	<0.00396 0.00396	<0.00397 0.00397	<0.00402 0.00402	<0.00397 0.00397
o-Xylene		<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198	<0.00201 0.00201	<0.00198 0.00198
Total Xylenes		<0.00200 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198	<0.00201 0.00201	<0.00198 0.00198
Total BTEX		0.0116 0.00200	<0.00199 0.00199	<0.00198 0.00198	<0.00198 0.00198	<0.00201 0.00201	<0.00198 0.00198
Chloride by EPA 300	<i>Extracted:</i>	10.09.2020 10:00	10.09.2020 10:00	10.09.2020 10:00	10.09.2020 10:00	10.09.2020 10:00	10.09.2020 10:00
	<i>Analyzed:</i>	10.09.2020 15:26	10.09.2020 15:32	10.09.2020 15:39	10.09.2020 15:45	10.09.2020 15:51	10.09.2020 15:58
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		<4.99 4.99	<4.98 4.98	<5.00 5.00	<5.04 5.04	<5.00 5.00	<4.96 4.96
TPH By SW8015 Mod	<i>Extracted:</i>	10.11.2020 10:00	10.11.2020 10:00	10.11.2020 10:00	10.11.2020 10:00	10.11.2020 10:00	10.11.2020 10:00
	<i>Analyzed:</i>	10.11.2020 15:50	10.11.2020 16:09	10.11.2020 16:28	10.11.2020 16:48	10.11.2020 17:07	10.11.2020 17:26
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	52.7 49.9	50.4 49.8	55.8 50.0	56.1 50.0
Diesel Range Organics (DRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0
Total TPH		<50.0 50.0	<50.0 50.0	52.7 49.9	50.4 49.8	55.8 50.0	56.1 50.0

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Certificate of Analysis Summary 674626



Hungry Horse LLC, Hobbs, NM

Project Name: DCP

Project Id:

Date Received in Lab: Thu 10.08.2020 11:40

Contact: Daniel Dominquez

Report Date: 10.14.2020 15:40

Project Location: N-Line Leak

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	674626-049	674626-050	674626-051	674626-052	674626-053	674626-054
	<i>Field Id:</i>	1 BH 49	1 BH 50	1 BH 51	1 BH 52	1 SW 1	1 SW 2
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00
	<i>Analyzed:</i>	10.10.2020 20:12	10.10.2020 20:33	10.10.2020 22:14	10.10.2020 22:35	10.10.2020 22:56	10.10.2020 23:16
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202
Toluene		<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202
Ethylbenzene		<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202
m,p-Xylenes		<0.00400 0.00400	<0.00399 0.00399	<0.00397 0.00397	<0.00399 0.00399	<0.00399 0.00399	<0.00403 0.00403
o-Xylene		<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202
Total Xylenes		<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202
Total BTEX		<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202
Chloride by EPA 300	<i>Extracted:</i>	10.09.2020 10:00	10.09.2020 10:00	10.09.2020 10:00	10.09.2020 10:00	10.09.2020 10:00	10.09.2020 14:45
	<i>Analyzed:</i>	10.09.2020 16:17	10.09.2020 16:23	10.09.2020 16:42	10.09.2020 16:48	10.09.2020 16:55	10.09.2020 19:27
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		<5.03 5.03	<4.95 4.95	<5.05 5.05	<4.96 4.96	<4.98 4.98	<4.98 4.98
TPH By SW8015 Mod	<i>Extracted:</i>	10.11.2020 10:00	10.11.2020 10:00	10.11.2020 10:00	10.11.2020 10:00	10.11.2020 10:00	10.11.2020 10:00
	<i>Analyzed:</i>	10.11.2020 17:46	10.11.2020 18:05	10.11.2020 18:44	10.11.2020 19:03	10.11.2020 19:22	10.11.2020 19:42
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		60.0 49.8	<50.0 50.0	<50.0 50.0	<49.8 49.8	<50.0 50.0	<50.0 50.0
Diesel Range Organics (DRO)		<49.8 49.8	<50.0 50.0	<50.0 50.0	<49.8 49.8	<50.0 50.0	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<49.8 49.8	<50.0 50.0	<50.0 50.0	<49.8 49.8	<50.0 50.0	<50.0 50.0
Total TPH		60.0 49.8	<50.0 50.0	<50.0 50.0	<49.8 49.8	<50.0 50.0	<50.0 50.0

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Certificate of Analysis Summary 674626

Hungry Horse LLC, Hobbs, NM

Project Name: DCP

Project Id:

Contact: Daniel Dominquez

Project Location: N-Line Leak

Date Received in Lab: Thu 10.08.2020 11:40

Report Date: 10.14.2020 15:40

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	674626-055	674626-056	674626-057	674626-058	674626-059	674626-060
	<i>Field Id:</i>	1 SW 3	1 SW 4	1 SW 5	1 SW 6	1 SW 7	1 SW 8
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00	10.10.2020 09:00
	<i>Analyzed:</i>	10.10.2020 23:37	10.10.2020 23:58	10.11.2020 00:18	10.11.2020 00:39	10.11.2020 01:00	10.11.2020 01:20
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200
Toluene		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200
Ethylbenzene		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200
m,p-Xylenes		<0.00398 0.00398	<0.00400 0.00400	<0.00400 0.00400	<0.00401 0.00401	<0.00403 0.00403	<0.00399 0.00399
o-Xylene		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200
Total Xylenes		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200
Total BTEX		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200
Chloride by EPA 300	<i>Extracted:</i>	10.09.2020 14:45	10.09.2020 14:45	10.09.2020 14:45	10.09.2020 14:45	10.09.2020 14:45	10.09.2020 14:45
	<i>Analyzed:</i>	10.09.2020 19:52	10.09.2020 20:11	10.09.2020 20:18	10.09.2020 20:24	10.09.2020 20:31	10.09.2020 20:37
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		<4.99 4.99	<5.04 5.04	<4.98 4.98	<5.00 5.00	<5.03 5.03	<4.95 4.95
TPH By SW8015 Mod	<i>Extracted:</i>	10.11.2020 10:00	10.11.2020 10:00	10.11.2020 10:00	10.11.2020 10:00	10.11.2020 10:00	10.11.2020 10:00
	<i>Analyzed:</i>	10.11.2020 20:01	10.11.2020 20:21	10.11.2020 20:40	10.11.2020 20:59	10.11.2020 21:18	10.11.2020 21:38
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<49.9 49.9	<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0
Diesel Range Organics (DRO)		<50.0 50.0	194 49.9	<49.9 49.9	90.1 49.8	90.2 50.0	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	51.2 49.9	<49.9 49.9	<49.8 49.8	<50.0 50.0	<50.0 50.0
Total TPH		<50.0 50.0	245 49.9	<49.9 49.9	90.1 49.8	90.2 50.0	<50.0 50.0

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Certificate of Analysis Summary 674626

Hungry Horse LLC, Hobbs, NM

Project Name: DCP

Project Id:

Contact: Daniel Dominquez

Project Location: N-Line Leak

Date Received in Lab: Thu 10.08.2020 11:40

Report Date: 10.14.2020 15:40

Project Manager: Holly Taylor

Analysis Requested	Lab Id:	674626-061	674626-062				
	Field Id:	1 SW 9	1 SW 10				
	Depth:						
	Matrix:	SOIL	SOIL				
	Sampled:	10.07.2020 00:00	10.07.2020 00:00				
BTEX by EPA 8021B	Extracted:	10.12.2020 09:00	10.12.2020 09:00				
	Analyzed:	10.12.2020 12:12	10.12.2020 15:12				
	Units/RL:	mg/kg RL	mg/kg RL				
Benzene		<0.00198 0.00198	<0.00199 0.00199				
Toluene		<0.00198 0.00198	<0.00199 0.00199				
Ethylbenzene		<0.00198 0.00198	<0.00199 0.00199				
m,p-Xylenes		<0.00396 0.00396	<0.00398 0.00398				
o-Xylene		<0.00198 0.00198	<0.00199 0.00199				
Total Xylenes		<0.00198 0.00198	<0.00199 0.00199				
Total BTEX		<0.00198 0.00198	<0.00199 0.00199				
Chloride by EPA 300	Extracted:	10.09.2020 14:45	10.09.2020 14:45				
	Analyzed:	10.09.2020 20:43	10.09.2020 20:50				
	Units/RL:	mg/kg RL	mg/kg RL				
Chloride		<5.05 5.05	<5.05 5.05				
TPH By SW8015 Mod	Extracted:	10.08.2020 16:00	10.08.2020 16:00				
	Analyzed:	10.09.2020 04:23	10.09.2020 05:21				
	Units/RL:	mg/kg RL	mg/kg RL				
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0				
Diesel Range Organics (DRO)		129 50.0	93.5 50.0				
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0				
Total TPH		129 50.0	93.5 50.0				

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Analytical Report 674626

for

Hungry Horse LLC

Project Manager: Daniel Dominquez

DCP

10.14.2020

Collected By: Client



**1211 W. Florida Ave
Midland TX 79701**

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)



10.14.2020

Project Manager: **Daniel Dominquez**

Hungry Horse LLC

P. O. Box 1058

Hobbs, NM 88241

Reference: Eurofins Xenco, LLC Report No(s): **674626**

DCP

Project Address: N-Line Leak

Daniel Dominquez:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 674626. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 674626 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

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

Holly Taylor
Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Sample Cross Reference 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
1 BH 1	S	10.07.2020 00:00		674626-001
1 BH 2	S	10.07.2020 00:00		674626-002
1 BH 3	S	10.07.2020 00:00		674626-003
1 BH 4	S	10.07.2020 00:00		674626-004
1 BH 5	S	10.07.2020 00:00		674626-005
1 BH 6	S	10.07.2020 00:00		674626-006
1 BH 7	S	10.07.2020 00:00		674626-007
1 BH 8	S	10.07.2020 00:00		674626-008
1 BH 9	S	10.07.2020 00:00		674626-009
1 BH 10	S	10.07.2020 00:00		674626-010
1 BH 11	S	10.07.2020 00:00		674626-011
1 BH 12	S	10.07.2020 00:00		674626-012
1 BH 13	S	10.07.2020 00:00		674626-013
1 BH 14	S	10.07.2020 00:00		674626-014
1 BH 15	S	10.07.2020 00:00		674626-015
1 BH 16	S	10.07.2020 00:00		674626-016
1 BH 17	S	10.07.2020 00:00		674626-017
1 BH 18	S	10.07.2020 00:00		674626-018
1 BH 19	S	10.07.2020 00:00		674626-019
1 BH 20	S	10.07.2020 00:00		674626-020
1 BH 21	S	10.07.2020 00:00		674626-021
1 BH 22	S	10.07.2020 00:00		674626-022
1 BH 23	S	10.07.2020 00:00		674626-023
1 BH 24	S	10.07.2020 00:00		674626-024
1 BH 25	S	10.07.2020 00:00		674626-025
1 BH 26	S	10.07.2020 00:00		674626-026
1 BH 27	S	10.07.2020 00:00		674626-027
1 BH 28	S	10.07.2020 00:00		674626-028
1 BH 29	S	10.07.2020 00:00		674626-029
1 BH 30	S	10.07.2020 00:00		674626-030
1 BH 31	S	10.07.2020 00:00		674626-031
1 BH 32	S	10.07.2020 00:00		674626-032
1 BH 33	S	10.07.2020 00:00		674626-033
1 BH 34	S	10.07.2020 00:00		674626-034
1 BH 35	S	10.07.2020 00:00		674626-035
1 BH 36	S	10.07.2020 00:00		674626-036
1 BH 37	S	10.07.2020 00:00		674626-037
1 BH 38	S	10.07.2020 00:00		674626-038
1 BH 39	S	10.07.2020 00:00		674626-039
1 BH 40	S	10.07.2020 00:00		674626-040
1 BH 41	S	10.07.2020 00:00		674626-041
1 BH 42	S	10.07.2020 00:00		674626-042
1 BH 43	S	10.07.2020 00:00		674626-043

**Sample Cross Reference 674626****Hungry Horse LLC, Hobbs, NM**

DCP

1 BH 44	S	10.07.2020 00:00	674626-044
1 BH 45	S	10.07.2020 00:00	674626-045
1 BH 46	S	10.07.2020 00:00	674626-046
1 BH 47	S	10.07.2020 00:00	674626-047
1 BH 48	S	10.07.2020 00:00	674626-048
1 BH 49	S	10.07.2020 00:00	674626-049
1 BH 50	S	10.07.2020 00:00	674626-050
1 BH 51	S	10.07.2020 00:00	674626-051
1 BH 52	S	10.07.2020 00:00	674626-052
1 SW 1	S	10.07.2020 00:00	674626-053
1 SW 2	S	10.07.2020 00:00	674626-054
1 SW 3	S	10.07.2020 00:00	674626-055
1 SW 4	S	10.07.2020 00:00	674626-056
1 SW 5	S	10.07.2020 00:00	674626-057
1 SW 6	S	10.07.2020 00:00	674626-058
1 SW 7	S	10.07.2020 00:00	674626-059
1 SW 8	S	10.07.2020 00:00	674626-060
1 SW 9	S	10.07.2020 00:00	674626-061
1 SW 10	S	10.07.2020 00:00	674626-062

**CASE NARRATIVE****Client Name: Hungry Horse LLC****Project Name: DCP**Project ID:
Work Order Number(s): 674626Report Date: 10.14.2020
Date Received: 10.08.2020**Sample receipt non conformances and comments:****Sample receipt non conformances and comments per sample:**

None

Analytical non conformances and comments:

Batch: LBA-3139216 BTEX by EPA 8021B

Lab Sample ID 674626-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Benzene, Toluene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Ethylbenzene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 674626-001, -002, -003, -004, -005, -006, -007, -008, -009, -010.

The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

Surrogate 4-Bromofluorobenzene recovered below QC limits. Samples affected are: 7712945-1-BLK, 674626-001 SD, 674626-007.

m,p-Xylenes, o-Xylene Relative Percent Difference (RPD) between matrix spike and duplicate were above quality control limits.

Samples in the analytical batch are: 674626-001, -002, -003, -004, -005, -006, -007, -008, -009, -010

Batch: LBA-3139289 Chloride by EPA 300

Lab Sample ID 674626-008 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 674626-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017.

The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3139291 Chloride by EPA 300

Lab Sample ID 674626-028 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 674626-018, -019, -020, -021, -022, -023, -024, -025, -026, -027, -028, -029, -030, -031, -032, -033, -034, -035, -036, -037.

The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

**CASE NARRATIVE****Client Name: Hungry Horse LLC****Project Name: DCP**Project ID:
Work Order Number(s): 674626Report Date: 10.14.2020
Date Received: 10.08.2020

Batch: LBA-3139364 Chloride by EPA 300

Lab Sample ID 674626-048 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 674626-038, -039, -040, -041, -042, -043, -044, -045, -046, -047, -048, -049, -050, -051, -052, -053.

The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3139416 BTEX by EPA 8021B

Surrogate 4-Bromofluorobenzene recovered below QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 674626-021.

Lab Sample ID 674626-021 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 674626-021, -022, -024, -025, -026, -027, -028, -029, -030, -031, -032, -033, -034, -035, -036, -037, -038, -039, -040.

The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3139447 BTEX by EPA 8021B

Lab Sample ID 674626-061 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 674626-023, -043, -061, -062.

The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3139505 BTEX by EPA 8021B

Due to misinjection, MSD was not reportable. BKS & BSD were within range, therefore data was accepted.



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 1**
 Lab Sample Id: 674626-001

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.0	4.99	mg/kg	10.09.2020 00:24		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.10.2020 12:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.10.2020 12:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.10.2020 12:14	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.10.2020 12:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	10.10.2020 12:14	
o-Terphenyl	84-15-1	102	%	70-130	10.10.2020 12:14	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 1**
 Lab Sample Id: 674626-001

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.08.2020 14:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3139216

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.00871	0.00198	mg/kg	10.08.2020 17:48	X	1
Toluene	108-88-3	0.0179	0.00198	mg/kg	10.08.2020 17:48	X	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.08.2020 17:48	UX	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.08.2020 17:48	UXF	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.08.2020 17:48	UXF	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.08.2020 17:48	U	1
Total BTEX		0.0266	0.00198	mg/kg	10.08.2020 17:48		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	99	%	70-130	10.08.2020 17:48		
1,4-Difluorobenzene	540-36-3	104	%	70-130	10.08.2020 17:48		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 2**
 Lab Sample Id: 674626-002

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.71	4.96	mg/kg	10.09.2020 00:30		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.10.2020 13:12	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.10.2020 13:12	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.10.2020 13:12	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.10.2020 13:12	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	92	%	70-130	10.10.2020 13:12		
o-Terphenyl	84-15-1	100	%	70-130	10.10.2020 13:12		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 2**
 Lab Sample Id: 674626-002

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.08.2020 14:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3139216

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.0112	0.00199	mg/kg	10.08.2020 18:09		1
Toluene	108-88-3	0.0248	0.00199	mg/kg	10.08.2020 18:09		1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.08.2020 18:09	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.08.2020 18:09	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.08.2020 18:09	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.08.2020 18:09	U	1
Total BTEX		0.0360	0.00199	mg/kg	10.08.2020 18:09		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	98	%	70-130	10.08.2020 18:09		
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.08.2020 18:09		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 3**
 Lab Sample Id: 674626-003

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.49	4.98	mg/kg	10.09.2020 11:55		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.10.2020 13:31	U	1
Diesel Range Organics (DRO)	C10C28DRO	50.4	50.0	mg/kg	10.10.2020 13:31		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.10.2020 13:31	U	1
Total TPH	PHC635	50.4	50.0	mg/kg	10.10.2020 13:31		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-130	10.10.2020 13:31	
o-Terphenyl	84-15-1	98	%	70-130	10.10.2020 13:31	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 3**
 Lab Sample Id: 674626-003

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.08.2020 14:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3139216

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.00968	0.00200	mg/kg	10.08.2020 18:29		1
Toluene	108-88-3	0.0165	0.00200	mg/kg	10.08.2020 18:29		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.08.2020 18:29	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.08.2020 18:29	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.08.2020 18:29	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.08.2020 18:29	U	1
Total BTEX		0.0262	0.00200	mg/kg	10.08.2020 18:29		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	107	%	70-130	10.08.2020 18:29		
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.08.2020 18:29		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 4**
 Lab Sample Id: 674626-004

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.35	5.02	mg/kg	10.09.2020 12:00		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.10.2020 13:51	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.10.2020 13:51	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.10.2020 13:51	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.10.2020 13:51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	10.10.2020 13:51	
o-Terphenyl	84-15-1	107	%	70-130	10.10.2020 13:51	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 4**
 Lab Sample Id: 674626-004

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.08.2020 14:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3139216

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.0154	0.00200	mg/kg	10.08.2020 18:50		1
Toluene	108-88-3	0.0269	0.00200	mg/kg	10.08.2020 18:50		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.08.2020 18:50	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.08.2020 18:50	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.08.2020 18:50	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.08.2020 18:50	U	1
Total BTEX		0.0423	0.00200	mg/kg	10.08.2020 18:50		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	108	%	70-130	10.08.2020 18:50		
1,4-Difluorobenzene	540-36-3	113	%	70-130	10.08.2020 18:50		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 5**
 Lab Sample Id: 674626-005

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.10	5.04	mg/kg	10.09.2020 12:05		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.10.2020 14:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.10.2020 14:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.10.2020 14:10	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.10.2020 14:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	10.10.2020 14:10	
o-Terphenyl	84-15-1	103	%	70-130	10.10.2020 14:10	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 5**
 Lab Sample Id: 674626-005

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.08.2020 14:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3139216

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.00469	0.00198	mg/kg	10.08.2020 19:10		1
Toluene	108-88-3	0.00855	0.00198	mg/kg	10.08.2020 19:10		1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.08.2020 19:10	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.08.2020 19:10	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.08.2020 19:10	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.08.2020 19:10	U	1
Total BTEX		0.0132	0.00198	mg/kg	10.08.2020 19:10		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	109	%	70-130	10.08.2020 19:10		
4-Bromofluorobenzene	460-00-4	93	%	70-130	10.08.2020 19:10		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 6**
 Lab Sample Id: 674626-006

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.52	4.96	mg/kg	10.09.2020 12:11		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.11.2020 08:29	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.11.2020 08:29	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 08:29	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.11.2020 08:29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-130	10.11.2020 08:29	
o-Terphenyl	84-15-1	90	%	70-130	10.11.2020 08:29	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 6**
 Lab Sample Id: 674626-006

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.08.2020 14:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3139216

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.0101	0.00199	mg/kg	10.08.2020 19:31		1
Toluene	108-88-3	0.0281	0.00199	mg/kg	10.08.2020 19:31		1
Ethylbenzene	100-41-4	0.00218	0.00199	mg/kg	10.08.2020 19:31		1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.08.2020 19:31	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.08.2020 19:31	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.08.2020 19:31	U	1
Total BTEX		0.0404	0.00199	mg/kg	10.08.2020 19:31		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	106	%	70-130	10.08.2020 19:31		
4-Bromofluorobenzene	460-00-4	114	%	70-130	10.08.2020 19:31		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 7**
 Lab Sample Id: 674626-007

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.64	4.95	mg/kg	10.09.2020 12:16		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.10.2020 14:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.10.2020 14:49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.10.2020 14:49	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.10.2020 14:49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	10.10.2020 14:49	
o-Terphenyl	84-15-1	95	%	70-130	10.10.2020 14:49	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 7**
 Lab Sample Id: 674626-007

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.08.2020 14:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3139216

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.00416	0.00202	mg/kg	10.08.2020 19:52		1
Toluene	108-88-3	0.00850	0.00202	mg/kg	10.08.2020 19:52		1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.08.2020 19:52	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.08.2020 19:52	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.08.2020 19:52	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.08.2020 19:52	U	1
Total BTEX		0.0127	0.00202	mg/kg	10.08.2020 19:52		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	53	%	70-130	10.08.2020 19:52	**	
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.08.2020 19:52		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 8**
 Lab Sample Id: 674626-008

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.29	5.04	mg/kg	10.09.2020 12:21	X	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.10.2020 15:09	U	1
Diesel Range Organics (DRO)	C10C28DRO	64.0	50.0	mg/kg	10.10.2020 15:09		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.10.2020 15:09	U	1
Total TPH	PHC635	64.0	50.0	mg/kg	10.10.2020 15:09		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	96	%	70-130	10.10.2020 15:09		
o-Terphenyl	84-15-1	103	%	70-130	10.10.2020 15:09		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 8**
 Lab Sample Id: 674626-008

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.08.2020 14:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3139216

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.0132	0.00202	mg/kg	10.08.2020 20:12		1
Toluene	108-88-3	0.0249	0.00202	mg/kg	10.08.2020 20:12		1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.08.2020 20:12	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	10.08.2020 20:12	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.08.2020 20:12	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.08.2020 20:12	U	1
Total BTEX		0.0381	0.00202	mg/kg	10.08.2020 20:12		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	111	%	70-130	10.08.2020 20:12		
1,4-Difluorobenzene	540-36-3	114	%	70-130	10.08.2020 20:12		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 9**
 Lab Sample Id: 674626-009

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	10.7	4.99	mg/kg	10.09.2020 12:37		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.10.2020 15:28	U	1
Diesel Range Organics (DRO)	C10C28DRO	64.3	50.0	mg/kg	10.10.2020 15:28		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.10.2020 15:28	U	1
Total TPH	PHC635	64.3	50.0	mg/kg	10.10.2020 15:28		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	10.10.2020 15:28	
o-Terphenyl	84-15-1	108	%	70-130	10.10.2020 15:28	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 9**
 Lab Sample Id: 674626-009

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.08.2020 14:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3139216

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.0168	0.00198	mg/kg	10.08.2020 20:33		1
Toluene	108-88-3	0.0334	0.00198	mg/kg	10.08.2020 20:33		1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.08.2020 20:33	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.08.2020 20:33	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.08.2020 20:33	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.08.2020 20:33	U	1
Total BTEX		0.0502	0.00198	mg/kg	10.08.2020 20:33		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	104	%	70-130	10.08.2020 20:33		
1,4-Difluorobenzene	540-36-3	110	%	70-130	10.08.2020 20:33		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 10**
 Lab Sample Id: 674626-010

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.65	4.97	mg/kg	10.09.2020 12:42		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.10.2020 15:47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.10.2020 15:47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.10.2020 15:47	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.10.2020 15:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-130	10.10.2020 15:47	
o-Terphenyl	84-15-1	93	%	70-130	10.10.2020 15:47	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 10**
 Lab Sample Id: 674626-010

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.08.2020 14:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3139216

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.0200	0.00200	mg/kg	10.08.2020 20:53		1
Toluene	108-88-3	0.0472	0.00200	mg/kg	10.08.2020 20:53		1
Ethylbenzene	100-41-4	0.00218	0.00200	mg/kg	10.08.2020 20:53		1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.08.2020 20:53	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.08.2020 20:53	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.08.2020 20:53	U	1
Total BTEX		0.0694	0.00200	mg/kg	10.08.2020 20:53		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	111	%	70-130	10.08.2020 20:53		
1,4-Difluorobenzene	540-36-3	112	%	70-130	10.08.2020 20:53		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 11**
 Lab Sample Id: 674626-011

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.80	4.96	mg/kg	10.09.2020 12:58		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.10.2020 16:26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.10.2020 16:26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.10.2020 16:26	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.10.2020 16:26	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	91	%	70-130	10.10.2020 16:26		
o-Terphenyl	84-15-1	93	%	70-130	10.10.2020 16:26		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 11**
 Lab Sample Id: 674626-011

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 15:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3139337

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.09.2020 22:46	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.09.2020 22:46	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.09.2020 22:46	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.09.2020 22:46	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.09.2020 22:46	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.09.2020 22:46	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.09.2020 22:46	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.09.2020 22:46		
4-Bromofluorobenzene	460-00-4	98	%	70-130	10.09.2020 22:46		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 12**
 Lab Sample Id: 674626-012

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	7.99	5.03	mg/kg	10.09.2020 13:03		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.10.2020 16:46	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.10.2020 16:46	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.10.2020 16:46	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.10.2020 16:46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-130	10.10.2020 16:46	
o-Terphenyl	84-15-1	96	%	70-130	10.10.2020 16:46	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 12**
 Lab Sample Id: 674626-012

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 15:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3139337

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.09.2020 23:07	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.09.2020 23:07	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.09.2020 23:07	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.09.2020 23:07	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.09.2020 23:07	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.09.2020 23:07	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.09.2020 23:07	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.09.2020 23:07		
4-Bromofluorobenzene	460-00-4	92	%	70-130	10.09.2020 23:07		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 13**
 Lab Sample Id: 674626-013

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.67	5.02	mg/kg	10.09.2020 13:09		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.10.2020 17:06	U	1
Diesel Range Organics (DRO)	C10C28DRO	65.2	50.0	mg/kg	10.10.2020 17:06		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.10.2020 17:06	U	1
Total TPH	PHC635	65.2	50.0	mg/kg	10.10.2020 17:06		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	10.10.2020 17:06	
o-Terphenyl	84-15-1	102	%	70-130	10.10.2020 17:06	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 13**
 Lab Sample Id: 674626-013

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 15:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3139337

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.09.2020 23:27	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.09.2020 23:27	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.09.2020 23:27	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.09.2020 23:27	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.09.2020 23:27	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.09.2020 23:27	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.09.2020 23:27	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	94	%	70-130	10.09.2020 23:27		
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.09.2020 23:27		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 14**
 Lab Sample Id: 674626-014

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.01	4.98	mg/kg	10.09.2020 13:14		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.10.2020 17:25	U	1
Diesel Range Organics (DRO)	C10C28DRO	55.2	50.0	mg/kg	10.10.2020 17:25		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.10.2020 17:25	U	1
Total TPH	PHC635	55.2	50.0	mg/kg	10.10.2020 17:25		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-130	10.10.2020 17:25	
o-Terphenyl	84-15-1	98	%	70-130	10.10.2020 17:25	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 14**
 Lab Sample Id: 674626-014

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 15:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3139337

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.09.2020 23:48	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.09.2020 23:48	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.09.2020 23:48	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.09.2020 23:48	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.09.2020 23:48	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.09.2020 23:48	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.09.2020 23:48	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	94	%	70-130	10.09.2020 23:48		
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.09.2020 23:48		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 15**
 Lab Sample Id: 674626-015

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	10.5	4.99	mg/kg	10.09.2020 13:19		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.10.2020 17:44	U	1
Diesel Range Organics (DRO)	C10C28DRO	60.4	50.0	mg/kg	10.10.2020 17:44		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.10.2020 17:44	U	1
Total TPH	PHC635	60.4	50.0	mg/kg	10.10.2020 17:44		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-130	10.10.2020 17:44	
o-Terphenyl	84-15-1	96	%	70-130	10.10.2020 17:44	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 15**
 Lab Sample Id: 674626-015

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 15:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3139337

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.10.2020 00:09	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.10.2020 00:09	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.10.2020 00:09	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.10.2020 00:09	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.10.2020 00:09	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.10.2020 00:09	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.10.2020 00:09	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	100	%	70-130	10.10.2020 00:09		
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.10.2020 00:09		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 16**
 Lab Sample Id: 674626-016

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.56	4.99	mg/kg	10.09.2020 13:24		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.10.2020 18:04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.10.2020 18:04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.10.2020 18:04	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.10.2020 18:04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-130	10.10.2020 18:04	
o-Terphenyl	84-15-1	93	%	70-130	10.10.2020 18:04	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 16**
 Lab Sample Id: 674626-016

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 15:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3139337

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.10.2020 00:29	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.10.2020 00:29	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.10.2020 00:29	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.10.2020 00:29	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.10.2020 00:29	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.10.2020 00:29	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.10.2020 00:29	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	104	%	70-130	10.10.2020 00:29		
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.10.2020 00:29		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 17**
 Lab Sample Id: 674626-017

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.08.2020 16:40

% Moisture:
 Basis: Wet Weight

Seq Number: 3139289

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.48	4.99	mg/kg	10.09.2020 13:30		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.10.2020 18:23	U	1
Diesel Range Organics (DRO)	C10C28DRO	66.5	49.9	mg/kg	10.10.2020 18:23		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.10.2020 18:23	U	1
Total TPH	PHC635	66.5	49.9	mg/kg	10.10.2020 18:23		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	98	%	70-130	10.10.2020 18:23		
o-Terphenyl	84-15-1	104	%	70-130	10.10.2020 18:23		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 17**
 Lab Sample Id: 674626-017

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 15:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3139337

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.10.2020 00:50	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.10.2020 00:50	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.10.2020 00:50	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.10.2020 00:50	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.10.2020 00:50	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.10.2020 00:50	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.10.2020 00:50	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	99	%	70-130	10.10.2020 00:50		
1,4-Difluorobenzene	540-36-3	105	%	70-130	10.10.2020 00:50		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 18**
 Lab Sample Id: 674626-018

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.96	4.97	mg/kg	10.09.2020 09:17	X	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	49.8	49.8	mg/kg	10.10.2020 18:43		1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.10.2020 18:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.10.2020 18:43	U	1
Total TPH	PHC635	49.8	49.8	mg/kg	10.10.2020 18:43		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	10.10.2020 18:43	
o-Terphenyl	84-15-1	96	%	70-130	10.10.2020 18:43	

Analytical Method: BTEX by EPA 8021B

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 15:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3139337

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.10.2020 12:17	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 19**
 Lab Sample Id: 674626-019

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.13	5.04	mg/kg	10.09.2020 09:33		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.10.2020 19:02	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.10.2020 19:02	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.10.2020 19:02	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.10.2020 19:02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	10.10.2020 19:02	
o-Terphenyl	84-15-1	94	%	70-130	10.10.2020 19:02	

Analytical Method: BTEX by EPA 8021B

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 15:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3139337

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.10.2020 12:17	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 20**
 Lab Sample Id: 674626-020

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	10.4	5.03	mg/kg	10.09.2020 09:38		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139386

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.10.2020 19:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	69.1	50.0	mg/kg	10.10.2020 19:21		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.10.2020 19:21	U	1
Total TPH	PHC635	69.1	50.0	mg/kg	10.10.2020 19:21		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	10.10.2020 19:21	
o-Terphenyl	84-15-1	103	%	70-130	10.10.2020 19:21	

Analytical Method: BTEX by EPA 8021B

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 15:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3139337

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.10.2020 12:17	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.10.2020 12:17	U	1



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 21**
 Lab Sample Id: 674626-021

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.16	4.98	mg/kg	10.09.2020 09:43		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.10.2020 20:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	73.0	50.0	mg/kg	10.10.2020 20:58		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.10.2020 20:58	U	1
Total TPH	PHC635	73.0	50.0	mg/kg	10.10.2020 20:58		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	10.10.2020 20:58	
o-Terphenyl	84-15-1	106	%	70-130	10.10.2020 20:58	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 21**
 Lab Sample Id: 674626-021

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.0124	0.00199	mg/kg	10.10.2020 05:35	X	1
Toluene	108-88-3	0.00491	0.00199	mg/kg	10.10.2020 05:35	X	1
Ethylbenzene	100-41-4	0.00516	0.00199	mg/kg	10.10.2020 05:35	X	1
m,p-Xylenes	179601-23-1	0.00516	0.00398	mg/kg	10.10.2020 05:35	X	1
o-Xylene	95-47-6	0.00563	0.00199	mg/kg	10.10.2020 05:35	X	1
Total Xylenes	1330-20-7	0.0108	0.00199	mg/kg	10.10.2020 05:35		1
Total BTEX		0.0333	0.00199	mg/kg	10.10.2020 05:35		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.10.2020 05:35		
4-Bromofluorobenzene	460-00-4	50	%	70-130	10.10.2020 05:35	**	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 22**
 Lab Sample Id: 674626-022

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	14.6	4.99	mg/kg	10.09.2020 09:48		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.10.2020 21:56	U	1
Diesel Range Organics (DRO)	C10C28DRO	64.8	50.0	mg/kg	10.10.2020 21:56		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.10.2020 21:56	U	1
Total TPH	PHC635	64.8	50.0	mg/kg	10.10.2020 21:56		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	10.10.2020 21:56	
o-Terphenyl	84-15-1	98	%	70-130	10.10.2020 21:56	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 22**
 Lab Sample Id: 674626-022

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.10.2020 05:56	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.10.2020 05:56	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.10.2020 05:56	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.10.2020 05:56	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.10.2020 05:56	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.10.2020 05:56	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.10.2020 05:56	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	93	%	70-130	10.10.2020 05:56		
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.10.2020 05:56		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 23**
 Lab Sample Id: 674626-023

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	10.2	5.02	mg/kg	10.09.2020 10:04		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.10.2020 22:15	U	1
Diesel Range Organics (DRO)	C10C28DRO	71.8	50.0	mg/kg	10.10.2020 22:15		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.10.2020 22:15	U	1
Total TPH	PHC635	71.8	50.0	mg/kg	10.10.2020 22:15		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	95	%	70-130	10.10.2020 22:15		
o-Terphenyl	84-15-1	99	%	70-130	10.10.2020 22:15		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 23**
 Lab Sample Id: 674626-023

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.12.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139447

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.12.2020 14:30	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.12.2020 14:30	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.12.2020 14:30	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.12.2020 14:30	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.12.2020 14:30	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.12.2020 14:30	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.12.2020 14:30	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	99	%	70-130	10.12.2020 14:30		
1,4-Difluorobenzene	540-36-3	100	%	70-130	10.12.2020 14:30		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 24**
 Lab Sample Id: 674626-024

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.17	5.00	mg/kg	10.09.2020 10:10		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.10.2020 22:35	U	1
Diesel Range Organics (DRO)	C10C28DRO	86.5	49.8	mg/kg	10.10.2020 22:35		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.10.2020 22:35	U	1
Total TPH	PHC635	86.5	49.8	mg/kg	10.10.2020 22:35		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	108	%	70-130	10.10.2020 22:35	
o-Terphenyl	84-15-1	115	%	70-130	10.10.2020 22:35	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 24**
 Lab Sample Id: 674626-024

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.10.2020 06:37	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.10.2020 06:37	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.10.2020 06:37	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.10.2020 06:37	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.10.2020 06:37	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.10.2020 06:37	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.10.2020 06:37	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.10.2020 06:37		
4-Bromofluorobenzene	460-00-4	91	%	70-130	10.10.2020 06:37		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 25**
 Lab Sample Id: 674626-025

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.75	5.00	mg/kg	10.09.2020 10:15		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.10.2020 22:54	U	1
Diesel Range Organics (DRO)	C10C28DRO	75.8	49.9	mg/kg	10.10.2020 22:54		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.10.2020 22:54	U	1
Total TPH	PHC635	75.8	49.9	mg/kg	10.10.2020 22:54		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	107	%	70-130	10.10.2020 22:54		
o-Terphenyl	84-15-1	113	%	70-130	10.10.2020 22:54		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 25**
 Lab Sample Id: 674626-025

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.10.2020 06:58	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.10.2020 06:58	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.10.2020 06:58	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.10.2020 06:58	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.10.2020 06:58	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.10.2020 06:58	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.10.2020 06:58	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.10.2020 06:58		
4-Bromofluorobenzene	460-00-4	94	%	70-130	10.10.2020 06:58		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 26**
 Lab Sample Id: 674626-026

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	12.7	5.00	mg/kg	10.09.2020 10:20		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.10.2020 23:13	U	1
Diesel Range Organics (DRO)	C10C28DRO	56.5	49.9	mg/kg	10.10.2020 23:13		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.10.2020 23:13	U	1
Total TPH	PHC635	56.5	49.9	mg/kg	10.10.2020 23:13		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	10.10.2020 23:13	
o-Terphenyl	84-15-1	101	%	70-130	10.10.2020 23:13	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 26**
 Lab Sample Id: 674626-026

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.10.2020 07:19	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.10.2020 07:19	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.10.2020 07:19	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.10.2020 07:19	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.10.2020 07:19	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.10.2020 07:19	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.10.2020 07:19	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	100	%	70-130	10.10.2020 07:19		
4-Bromofluorobenzene	460-00-4	100	%	70-130	10.10.2020 07:19		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 27**
 Lab Sample Id: 674626-027

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.16	4.97	mg/kg	10.09.2020 10:25		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.10.2020 23:33	U	1
Diesel Range Organics (DRO)	C10C28DRO	53.0	49.8	mg/kg	10.10.2020 23:33		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.10.2020 23:33	U	1
Total TPH	PHC635	53.0	49.8	mg/kg	10.10.2020 23:33		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	10.10.2020 23:33	
o-Terphenyl	84-15-1	100	%	70-130	10.10.2020 23:33	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 27**
 Lab Sample Id: 674626-027

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.10.2020 07:40	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.10.2020 07:40	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.10.2020 07:40	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.10.2020 07:40	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.10.2020 07:40	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.10.2020 07:40	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.10.2020 07:40	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.10.2020 07:40		
4-Bromofluorobenzene	460-00-4	102	%	70-130	10.10.2020 07:40		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 28**
 Lab Sample Id: 674626-028

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.02	4.96	mg/kg	10.09.2020 10:31	X	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.10.2020 23:52	U	1
Diesel Range Organics (DRO)	C10C28DRO	55.9	50.0	mg/kg	10.10.2020 23:52		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.10.2020 23:52	U	1
Total TPH	PHC635	55.9	50.0	mg/kg	10.10.2020 23:52		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	10.10.2020 23:52	
o-Terphenyl	84-15-1	103	%	70-130	10.10.2020 23:52	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 28**
 Lab Sample Id: 674626-028

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.10.2020 08:01	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.10.2020 08:01	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.10.2020 08:01	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.10.2020 08:01	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.10.2020 08:01	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.10.2020 08:01	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.10.2020 08:01	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	106	%	70-130	10.10.2020 08:01		
4-Bromofluorobenzene	460-00-4	108	%	70-130	10.10.2020 08:01		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 29**
 Lab Sample Id: 674626-029

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.51	4.95	mg/kg	10.09.2020 10:46		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.11.2020 00:11	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.11.2020 00:11	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 00:11	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.11.2020 00:11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	10.11.2020 00:11	
o-Terphenyl	84-15-1	100	%	70-130	10.11.2020 00:11	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 29**
 Lab Sample Id: 674626-029

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.10.2020 08:22	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.10.2020 08:22	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.10.2020 08:22	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.10.2020 08:22	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.10.2020 08:22	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.10.2020 08:22	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.10.2020 08:22	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	107	%	70-130	10.10.2020 08:22		
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.10.2020 08:22		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 30**
 Lab Sample Id: 674626-030

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.81	5.05	mg/kg	10.09.2020 10:52		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.11.2020 00:30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.11.2020 00:30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.11.2020 00:30	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.11.2020 00:30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	10.11.2020 00:30	
o-Terphenyl	84-15-1	106	%	70-130	10.11.2020 00:30	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 30**
 Lab Sample Id: 674626-030

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.10.2020 08:42	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.10.2020 08:42	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.10.2020 08:42	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.10.2020 08:42	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.10.2020 08:42	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.10.2020 08:42	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.10.2020 08:42	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.10.2020 08:42		
4-Bromofluorobenzene	460-00-4	99	%	70-130	10.10.2020 08:42		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 31**
 Lab Sample Id: 674626-031

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	7.90	5.02	mg/kg	10.09.2020 11:07		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.11.2020 01:09	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.11.2020 01:09	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 01:09	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.11.2020 01:09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	10.11.2020 01:09	
o-Terphenyl	84-15-1	105	%	70-130	10.11.2020 01:09	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 31**
 Lab Sample Id: 674626-031

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.10.2020 10:23	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.10.2020 10:23	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.10.2020 10:23	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.10.2020 10:23	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.10.2020 10:23	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.10.2020 10:23	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.10.2020 10:23	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.10.2020 10:23		
4-Bromofluorobenzene	460-00-4	98	%	70-130	10.10.2020 10:23		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 32**
 Lab Sample Id: 674626-032

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.09	4.97	mg/kg	10.09.2020 11:13		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.11.2020 01:28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.11.2020 01:28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.11.2020 01:28	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.11.2020 01:28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-130	10.11.2020 01:28	
o-Terphenyl	84-15-1	106	%	70-130	10.11.2020 01:28	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 32**
 Lab Sample Id: 674626-032

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.10.2020 10:43	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.10.2020 10:43	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.10.2020 10:43	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.10.2020 10:43	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.10.2020 10:43	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.10.2020 10:43	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.10.2020 10:43	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	93	%	70-130	10.10.2020 10:43		
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.10.2020 10:43		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 33**
 Lab Sample Id: 674626-033

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.39	5.01	mg/kg	10.09.2020 11:18		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.11.2020 01:47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.11.2020 01:47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.11.2020 01:47	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.11.2020 01:47	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	106	%	70-130	10.11.2020 01:47		
o-Terphenyl	84-15-1	113	%	70-130	10.11.2020 01:47		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 33**
 Lab Sample Id: 674626-033

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.10.2020 11:04	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.10.2020 11:04	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.10.2020 11:04	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.10.2020 11:04	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.10.2020 11:04	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.10.2020 11:04	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.10.2020 11:04	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	94	%	70-130	10.10.2020 11:04		
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.10.2020 11:04		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 34**
 Lab Sample Id: 674626-034

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.23	5.03	mg/kg	10.09.2020 11:23		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.11.2020 02:06	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.11.2020 02:06	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 02:06	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.11.2020 02:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	112	%	70-130	10.11.2020 02:06	
o-Terphenyl	84-15-1	114	%	70-130	10.11.2020 02:06	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 34**
 Lab Sample Id: 674626-034

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.10.2020 11:25	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.10.2020 11:25	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.10.2020 11:25	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.10.2020 11:25	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.10.2020 11:25	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.10.2020 11:25	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.10.2020 11:25	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	93	%	70-130	10.10.2020 11:25		
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.10.2020 11:25		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 35**
 Lab Sample Id: 674626-035

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	10.1	5.03	mg/kg	10.09.2020 11:29		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.11.2020 02:25	U	1
Diesel Range Organics (DRO)	C10C28DRO	54.9	49.9	mg/kg	10.11.2020 02:25		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.11.2020 02:25	U	1
Total TPH	PHC635	54.9	49.9	mg/kg	10.11.2020 02:25		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	10.11.2020 02:25	
o-Terphenyl	84-15-1	100	%	70-130	10.11.2020 02:25	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 35**
 Lab Sample Id: 674626-035

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.10.2020 11:45	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.10.2020 11:45	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.10.2020 11:45	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.10.2020 11:45	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.10.2020 11:45	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.10.2020 11:45	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.10.2020 11:45	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.10.2020 11:45		
4-Bromofluorobenzene	460-00-4	95	%	70-130	10.10.2020 11:45		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 36**
 Lab Sample Id: 674626-036

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	7.60	5.05	mg/kg	10.09.2020 11:34		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.11.2020 02:45	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.11.2020 02:45	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 02:45	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.11.2020 02:45	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	105	%	70-130	10.11.2020 02:45		
o-Terphenyl	84-15-1	109	%	70-130	10.11.2020 02:45		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 36**

Matrix: Soil

Date Received: 10.08.2020 11:40

Lab Sample Id: 674626-036

Date Collected: 10.07.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.10.2020 12:06	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.10.2020 12:06	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.10.2020 12:06	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.10.2020 12:06	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.10.2020 12:06	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.10.2020 12:06	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.10.2020 12:06	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.10.2020 12:06		
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.10.2020 12:06		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 37**
 Lab Sample Id: 674626-037

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.08.2020 17:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3139291

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.10	4.98	mg/kg	10.09.2020 11:39		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.11.2020 03:04	U	1
Diesel Range Organics (DRO)	C10C28DRO	53.9	50.0	mg/kg	10.11.2020 03:04		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 03:04	U	1
Total TPH	PHC635	53.9	50.0	mg/kg	10.11.2020 03:04		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	10.11.2020 03:04	
o-Terphenyl	84-15-1	99	%	70-130	10.11.2020 03:04	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 37**
 Lab Sample Id: 674626-037

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.10.2020 12:27	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.10.2020 12:27	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.10.2020 12:27	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.10.2020 12:27	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.10.2020 12:27	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.10.2020 12:27	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.10.2020 12:27	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.10.2020 12:27		
4-Bromofluorobenzene	460-00-4	103	%	70-130	10.10.2020 12:27		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 38**
 Lab Sample Id: 674626-038

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.09.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139364

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.02	5.02	mg/kg	10.09.2020 14:29	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.11.2020 03:23	U	1
Diesel Range Organics (DRO)	C10C28DRO	75.2	49.9	mg/kg	10.11.2020 03:23		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.11.2020 03:23	U	1
Total TPH	PHC635	75.2	49.9	mg/kg	10.11.2020 03:23		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	10.11.2020 03:23	
o-Terphenyl	84-15-1	101	%	70-130	10.11.2020 03:23	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 38**
 Lab Sample Id: 674626-038

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.10.2020 12:48	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.10.2020 12:48	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.10.2020 12:48	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.10.2020 12:48	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.10.2020 12:48	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.10.2020 12:48	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.10.2020 12:48	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	109	%	70-130	10.10.2020 12:48		
1,4-Difluorobenzene	540-36-3	105	%	70-130	10.10.2020 12:48		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 39**
 Lab Sample Id: 674626-039

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.09.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139364

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.96	4.96	mg/kg	10.09.2020 14:48	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.11.2020 03:42	U	1
Diesel Range Organics (DRO)	C10C28DRO	87.3	49.9	mg/kg	10.11.2020 03:42		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.11.2020 03:42	U	1
Total TPH	PHC635	87.3	49.9	mg/kg	10.11.2020 03:42		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	10.11.2020 03:42	
o-Terphenyl	84-15-1	109	%	70-130	10.11.2020 03:42	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 39**
 Lab Sample Id: 674626-039

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.10.2020 13:08	U	1
Toluene	108-88-3	0.00420	0.00200	mg/kg	10.10.2020 13:08		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.10.2020 13:08	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.10.2020 13:08	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.10.2020 13:08	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.10.2020 13:08	U	1
Total BTEX		0.00420	0.00200	mg/kg	10.10.2020 13:08		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.10.2020 13:08		
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.10.2020 13:08		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 40**
 Lab Sample Id: 674626-040

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.09.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139364

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.98	4.98	mg/kg	10.09.2020 14:54	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139388

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.11.2020 04:01	U	1
Diesel Range Organics (DRO)	C10C28DRO	104	49.9	mg/kg	10.11.2020 04:01		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.11.2020 04:01	U	1
Total TPH	PHC635	104	49.9	mg/kg	10.11.2020 04:01		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	10.11.2020 04:01	
o-Terphenyl	84-15-1	110	%	70-130	10.11.2020 04:01	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 40**
 Lab Sample Id: 674626-040

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.09.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139416

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.00209	0.00202	mg/kg	10.10.2020 13:29		1
Toluene	108-88-3	0.00474	0.00202	mg/kg	10.10.2020 13:29		1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.10.2020 13:29	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.10.2020 13:29	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.10.2020 13:29	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.10.2020 13:29	U	1
Total BTEX		0.00683	0.00202	mg/kg	10.10.2020 13:29		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.10.2020 13:29		
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.10.2020 13:29		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 41**
 Lab Sample Id: 674626-041

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.09.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139364

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.04	5.04	mg/kg	10.09.2020 15:01	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.11.2020 14:32	U	1
Diesel Range Organics (DRO)	C10C28DRO	54.0	50.0	mg/kg	10.11.2020 14:32		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 14:32	U	1
Total TPH	PHC635	54.0	50.0	mg/kg	10.11.2020 14:32		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	10.11.2020 14:32	
o-Terphenyl	84-15-1	105	%	70-130	10.11.2020 14:32	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 41**
 Lab Sample Id: 674626-041

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.10.2020 17:24	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.10.2020 17:24	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.10.2020 17:24	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.10.2020 17:24	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.10.2020 17:24	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.10.2020 17:24	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.10.2020 17:24	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	87	%	70-130	10.10.2020 17:24		
1,4-Difluorobenzene	540-36-3	93	%	70-130	10.10.2020 17:24		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 42**
 Lab Sample Id: 674626-042

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.09.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139364

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	mg/kg	10.09.2020 15:07	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.11.2020 15:30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.11.2020 15:30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.11.2020 15:30	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.11.2020 15:30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-130	10.11.2020 15:30	
o-Terphenyl	84-15-1	93	%	70-130	10.11.2020 15:30	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 42**
 Lab Sample Id: 674626-042

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.10.2020 17:45	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.10.2020 17:45	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.10.2020 17:45	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.10.2020 17:45	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.10.2020 17:45	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.10.2020 17:45	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.10.2020 17:45	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	89	%	70-130	10.10.2020 17:45		
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.10.2020 17:45		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 43**
 Lab Sample Id: 674626-043

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.09.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139364

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.99	4.99	mg/kg	10.09.2020 15:26	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.11.2020 15:50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.11.2020 15:50	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 15:50	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.11.2020 15:50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-130	10.11.2020 15:50	
o-Terphenyl	84-15-1	97	%	70-130	10.11.2020 15:50	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 43**
 Lab Sample Id: 674626-043

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.12.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139447

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.12.2020 18:42	U	1
Toluene	108-88-3	0.0116	0.00200	mg/kg	10.12.2020 18:42		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.12.2020 18:42	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.12.2020 18:42	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.12.2020 18:42	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.12.2020 18:42	U	1
Total BTEX		0.0116	0.00200	mg/kg	10.12.2020 18:42		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	103	%	70-130	10.12.2020 18:42		
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.12.2020 18:42		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 44**
 Lab Sample Id: 674626-044

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.09.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139364

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.98	4.98	mg/kg	10.09.2020 15:32	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.11.2020 16:09	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.11.2020 16:09	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 16:09	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.11.2020 16:09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	10.11.2020 16:09	
o-Terphenyl	84-15-1	95	%	70-130	10.11.2020 16:09	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 44**
 Lab Sample Id: 674626-044

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.10.2020 18:29	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.10.2020 18:29	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.10.2020 18:29	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.10.2020 18:29	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.10.2020 18:29	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.10.2020 18:29	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.10.2020 18:29	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	97	%	70-130	10.10.2020 18:29		
1,4-Difluorobenzene	540-36-3	100	%	70-130	10.10.2020 18:29		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 45**
 Lab Sample Id: 674626-045

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.09.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139364

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	mg/kg	10.09.2020 15:39	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	52.7	49.9	mg/kg	10.11.2020 16:28		1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.11.2020 16:28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.11.2020 16:28	U	1
Total TPH	PHC635	52.7	49.9	mg/kg	10.11.2020 16:28		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	101	%	70-130	10.11.2020 16:28		
o-Terphenyl	84-15-1	105	%	70-130	10.11.2020 16:28		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 45**
 Lab Sample Id: 674626-045

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.10.2020 18:49	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.10.2020 18:49	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.10.2020 18:49	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.10.2020 18:49	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.10.2020 18:49	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.10.2020 18:49	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.10.2020 18:49	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.10.2020 18:49		
4-Bromofluorobenzene	460-00-4	88	%	70-130	10.10.2020 18:49		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 46**
 Lab Sample Id: 674626-046

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.09.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139364

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.04	5.04	mg/kg	10.09.2020 15:45	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	50.4	49.8	mg/kg	10.11.2020 16:48		1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.11.2020 16:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.11.2020 16:48	U	1
Total TPH	PHC635	50.4	49.8	mg/kg	10.11.2020 16:48		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	87	%	70-130	10.11.2020 16:48		
o-Terphenyl	84-15-1	91	%	70-130	10.11.2020 16:48		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 46**
 Lab Sample Id: 674626-046

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.10.2020 19:10	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.10.2020 19:10	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.10.2020 19:10	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.10.2020 19:10	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.10.2020 19:10	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.10.2020 19:10	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.10.2020 19:10	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.10.2020 19:10		
4-Bromofluorobenzene	460-00-4	103	%	70-130	10.10.2020 19:10		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 47**
 Lab Sample Id: 674626-047

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.09.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139364

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	mg/kg	10.09.2020 15:51	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	55.8	50.0	mg/kg	10.11.2020 17:07		1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.11.2020 17:07	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 17:07	U	1
Total TPH	PHC635	55.8	50.0	mg/kg	10.11.2020 17:07		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	108	%	70-130	10.11.2020 17:07		
o-Terphenyl	84-15-1	114	%	70-130	10.11.2020 17:07		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 47**
 Lab Sample Id: 674626-047

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.10.2020 19:31	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.10.2020 19:31	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.10.2020 19:31	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.10.2020 19:31	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.10.2020 19:31	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.10.2020 19:31	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.10.2020 19:31	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	100	%	70-130	10.10.2020 19:31		
4-Bromofluorobenzene	460-00-4	107	%	70-130	10.10.2020 19:31		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 48**
 Lab Sample Id: 674626-048

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.09.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139364

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.96	4.96	mg/kg	10.09.2020 15:58	UX	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	56.1	50.0	mg/kg	10.11.2020 17:26		1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.11.2020 17:26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 17:26	U	1
Total TPH	PHC635	56.1	50.0	mg/kg	10.11.2020 17:26		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	10.11.2020 17:26	
o-Terphenyl	84-15-1	107	%	70-130	10.11.2020 17:26	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 48**
 Lab Sample Id: 674626-048

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.12.2020 16:15

% Moisture:
 Basis: Wet Weight

Seq Number: 3139505

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.13.2020 09:09	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.13.2020 09:09	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.13.2020 09:09	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.13.2020 09:09	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.13.2020 09:09	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.13.2020 09:09	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.13.2020 09:09	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	109	%	70-130	10.13.2020 09:09		
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.13.2020 09:09		

Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 49**
Lab Sample Id: 674626-049

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.09.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139364

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.03	5.03	mg/kg	10.09.2020 16:17	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	60.0	49.8	mg/kg	10.11.2020 17:46		1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.11.2020 17:46	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.11.2020 17:46	U	1
Total TPH	PHC635	60.0	49.8	mg/kg	10.11.2020 17:46		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	100	%	70-130	10.11.2020 17:46		
o-Terphenyl	84-15-1	104	%	70-130	10.11.2020 17:46		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 49**
 Lab Sample Id: 674626-049

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.10.2020 20:12	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.10.2020 20:12	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.10.2020 20:12	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.10.2020 20:12	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.10.2020 20:12	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.10.2020 20:12	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.10.2020 20:12	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.10.2020 20:12		
4-Bromofluorobenzene	460-00-4	96	%	70-130	10.10.2020 20:12		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 50**
 Lab Sample Id: 674626-050

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.09.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139364

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.95	4.95	mg/kg	10.09.2020 16:23	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.11.2020 18:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.11.2020 18:05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 18:05	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.11.2020 18:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	10.11.2020 18:05	
o-Terphenyl	84-15-1	94	%	70-130	10.11.2020 18:05	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 50**
 Lab Sample Id: 674626-050

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.10.2020 20:33	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.10.2020 20:33	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.10.2020 20:33	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.10.2020 20:33	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.10.2020 20:33	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.10.2020 20:33	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.10.2020 20:33	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	100	%	70-130	10.10.2020 20:33		
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.10.2020 20:33		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 51**
 Lab Sample Id: 674626-051

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.09.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139364

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.05	5.05	mg/kg	10.09.2020 16:42	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.11.2020 18:44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.11.2020 18:44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 18:44	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.11.2020 18:44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	10.11.2020 18:44	
o-Terphenyl	84-15-1	95	%	70-130	10.11.2020 18:44	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 51**
 Lab Sample Id: 674626-051

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.10.2020 22:14	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.10.2020 22:14	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.10.2020 22:14	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.10.2020 22:14	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.10.2020 22:14	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.10.2020 22:14	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.10.2020 22:14	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	96	%	70-130	10.10.2020 22:14		
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.10.2020 22:14		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 52**
 Lab Sample Id: 674626-052

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.09.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139364

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.96	4.96	mg/kg	10.09.2020 16:48	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.11.2020 19:03	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.11.2020 19:03	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.11.2020 19:03	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.11.2020 19:03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	10.11.2020 19:03	
o-Terphenyl	84-15-1	101	%	70-130	10.11.2020 19:03	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 BH 52**
 Lab Sample Id: 674626-052

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.10.2020 22:35	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.10.2020 22:35	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.10.2020 22:35	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.10.2020 22:35	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.10.2020 22:35	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.10.2020 22:35	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.10.2020 22:35	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	96	%	70-130	10.10.2020 22:35		
1,4-Difluorobenzene	540-36-3	102	%	70-130	10.10.2020 22:35		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 SW 1**
 Lab Sample Id: 674626-053

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 10.09.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139364

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.98	4.98	mg/kg	10.09.2020 16:55	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.11.2020 19:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.11.2020 19:22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 19:22	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.11.2020 19:22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	10.11.2020 19:22	
o-Terphenyl	84-15-1	105	%	70-130	10.11.2020 19:22	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 SW 1**
 Lab Sample Id: 674626-053

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.10.2020 22:56	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.10.2020 22:56	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.10.2020 22:56	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.10.2020 22:56	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.10.2020 22:56	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.10.2020 22:56	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.10.2020 22:56	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	98	%	70-130	10.10.2020 22:56		
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.10.2020 22:56		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 1 SW 2
Lab Sample Id: 674626-054

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 14:45

% Moisture:
Basis: Wet Weight

Seq Number: 3139370

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.98	4.98	mg/kg	10.09.2020 19:27	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.11.2020 19:42	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.11.2020 19:42	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 19:42	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.11.2020 19:42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	10.11.2020 19:42	
o-Terphenyl	84-15-1	108	%	70-130	10.11.2020 19:42	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 1 SW 2
Lab Sample Id: 674626-054

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.10.2020 23:16	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.10.2020 23:16	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.10.2020 23:16	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.10.2020 23:16	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.10.2020 23:16	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.10.2020 23:16	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.10.2020 23:16	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	97	%	70-130	10.10.2020 23:16		
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.10.2020 23:16		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 1 SW 3
Lab Sample Id: 674626-055

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 14:45

% Moisture:
Basis: Wet Weight

Seq Number: 3139370

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.99	4.99	mg/kg	10.09.2020 19:52	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.11.2020 20:01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.11.2020 20:01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 20:01	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.11.2020 20:01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-130	10.11.2020 20:01	
o-Terphenyl	84-15-1	109	%	70-130	10.11.2020 20:01	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 SW 3**
 Lab Sample Id: 674626-055

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.10.2020 23:37	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.10.2020 23:37	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.10.2020 23:37	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.10.2020 23:37	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.10.2020 23:37	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.10.2020 23:37	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.10.2020 23:37	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.10.2020 23:37		
4-Bromofluorobenzene	460-00-4	100	%	70-130	10.10.2020 23:37		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 SW 4**
 Lab Sample Id: 674626-056

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 14:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3139370

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.04	5.04	mg/kg	10.09.2020 20:11	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.11.2020 20:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	194	49.9	mg/kg	10.11.2020 20:21		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	51.2	49.9	mg/kg	10.11.2020 20:21		1
Total TPH	PHC635	245	49.9	mg/kg	10.11.2020 20:21		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	106	%	70-130	10.11.2020 20:21		
o-Terphenyl	84-15-1	121	%	70-130	10.11.2020 20:21		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 SW 4**
 Lab Sample Id: 674626-056

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.10.2020 23:58	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.10.2020 23:58	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.10.2020 23:58	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.10.2020 23:58	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.10.2020 23:58	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.10.2020 23:58	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.10.2020 23:58	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	97	%	70-130	10.10.2020 23:58		
1,4-Difluorobenzene	540-36-3	100	%	70-130	10.10.2020 23:58		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 1 SW 5
Lab Sample Id: 674626-057

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 14:45

% Moisture:
Basis: Wet Weight

Seq Number: 3139370

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.98	4.98	mg/kg	10.09.2020 20:18	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.11.2020 20:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.11.2020 20:40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.11.2020 20:40	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.11.2020 20:40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	10.11.2020 20:40	
o-Terphenyl	84-15-1	104	%	70-130	10.11.2020 20:40	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 1 SW 5
Lab Sample Id: 674626-057

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.11.2020 00:18	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.11.2020 00:18	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.11.2020 00:18	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.11.2020 00:18	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.11.2020 00:18	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.11.2020 00:18	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.11.2020 00:18	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	100	%	70-130	10.11.2020 00:18		
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.11.2020 00:18		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 SW 6**
 Lab Sample Id: 674626-058

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 14:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3139370

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	mg/kg	10.09.2020 20:24	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.11.2020 20:59	U	1
Diesel Range Organics (DRO)	C10C28DRO	90.1	49.8	mg/kg	10.11.2020 20:59		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.11.2020 20:59	U	1
Total TPH	PHC635	90.1	49.8	mg/kg	10.11.2020 20:59		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	93	%	70-130	10.11.2020 20:59		
o-Terphenyl	84-15-1	102	%	70-130	10.11.2020 20:59		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 SW 6**
 Lab Sample Id: 674626-058

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.11.2020 00:39	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.11.2020 00:39	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.11.2020 00:39	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.11.2020 00:39	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.11.2020 00:39	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.11.2020 00:39	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.11.2020 00:39	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.11.2020 00:39		
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.11.2020 00:39		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 1 SW 7
Lab Sample Id: 674626-059

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 14:45

% Moisture:
Basis: Wet Weight

Seq Number: 3139370

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.03	5.03	mg/kg	10.09.2020 20:31	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.11.2020 21:18	U	1
Diesel Range Organics (DRO)	C10C28DRO	90.2	50.0	mg/kg	10.11.2020 21:18		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 21:18	U	1
Total TPH	PHC635	90.2	50.0	mg/kg	10.11.2020 21:18		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-130	10.11.2020 21:18	
o-Terphenyl	84-15-1	96	%	70-130	10.11.2020 21:18	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 1 SW 7
Lab Sample Id: 674626-059

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.11.2020 01:00	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.11.2020 01:00	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.11.2020 01:00	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.11.2020 01:00	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.11.2020 01:00	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.11.2020 01:00	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.11.2020 01:00	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	110	%	70-130	10.11.2020 01:00		
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.11.2020 01:00		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 SW 8**
 Lab Sample Id: 674626-060

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 14:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3139370

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.95	4.95	mg/kg	10.09.2020 20:37	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.11.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139396

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.11.2020 21:38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.11.2020 21:38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.11.2020 21:38	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.11.2020 21:38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	10.11.2020 21:38	
o-Terphenyl	84-15-1	95	%	70-130	10.11.2020 21:38	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 SW 8**
 Lab Sample Id: 674626-060

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139418

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.11.2020 01:20	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.11.2020 01:20	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.11.2020 01:20	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.11.2020 01:20	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.11.2020 01:20	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.11.2020 01:20	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.11.2020 01:20	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.11.2020 01:20		
4-Bromofluorobenzene	460-00-4	108	%	70-130	10.11.2020 01:20		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 SW 9**
 Lab Sample Id: 674626-061

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 14:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3139370

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.05	5.05	mg/kg	10.09.2020 20:43	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 16:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139281

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.09.2020 04:23	U	1
Diesel Range Organics (DRO)	C10C28DRO	129	50.0	mg/kg	10.09.2020 04:23		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.09.2020 04:23	U	1
Total TPH	PHC635	129	50.0	mg/kg	10.09.2020 04:23		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	111	%	70-130	10.09.2020 04:23	
o-Terphenyl	84-15-1	124	%	70-130	10.09.2020 04:23	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 SW 9**
 Lab Sample Id: 674626-061

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.12.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139447

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.12.2020 12:12	UX	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.12.2020 12:12	UX	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.12.2020 12:12	UX	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.12.2020 12:12	UX	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.12.2020 12:12	UX	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.12.2020 12:12	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.12.2020 12:12	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	102	%	70-130	10.12.2020 12:12		
1,4-Difluorobenzene	540-36-3	93	%	70-130	10.12.2020 12:12		



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 SW 10**
 Lab Sample Id: 674626-062

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 14:45

% Moisture:
 Basis: Wet Weight

Seq Number: 3139370

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.05	5.05	mg/kg	10.09.2020 20:50	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 16:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139281

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.09.2020 05:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	93.5	50.0	mg/kg	10.09.2020 05:21		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.09.2020 05:21	U	1
Total TPH	PHC635	93.5	50.0	mg/kg	10.09.2020 05:21		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-130	10.09.2020 05:21	
o-Terphenyl	84-15-1	106	%	70-130	10.09.2020 05:21	



Certificate of Analytical Results 674626

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **1 SW 10**
 Lab Sample Id: 674626-062

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.12.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139447

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.12.2020 15:12	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.12.2020 15:12	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.12.2020 15:12	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.12.2020 15:12	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.12.2020 15:12	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.12.2020 15:12	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.12.2020 15:12	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.12.2020 15:12		
4-Bromofluorobenzene	460-00-4	105	%	70-130	10.12.2020 15:12		

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation



Hungry Horse LLC DCP

Analytical Method: Chloride by EPA 300

Seq Number: 3139289

MB Sample Id: 7712926-1-BLK

Matrix: Solid

LCS Sample Id: 7712926-1-BKS

Prep Method: E300P

Date Prep: 10.08.2020

LCSD Sample Id: 7712926-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	270	108	267	107	90-110	1	20	mg/kg	10.08.2020 23:47	

Analytical Method: Chloride by EPA 300

Seq Number: 3139291

MB Sample Id: 7712927-1-BLK

Matrix: Solid

LCS Sample Id: 7712927-1-BKS

Prep Method: E300P

Date Prep: 10.08.2020

LCSD Sample Id: 7712927-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	272	109	271	108	90-110	0	20	mg/kg	10.09.2020 09:06	

Analytical Method: Chloride by EPA 300

Seq Number: 3139364

MB Sample Id: 7712962-1-BLK

Matrix: Solid

LCS Sample Id: 7712962-1-BKS

Prep Method: E300P

Date Prep: 10.09.2020

LCSD Sample Id: 7712962-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	271	108	270	108	90-110	0	20	mg/kg	10.09.2020 14:16	

Analytical Method: Chloride by EPA 300

Seq Number: 3139370

MB Sample Id: 7712991-1-BLK

Matrix: Solid

LCS Sample Id: 7712991-1-BKS

Prep Method: E300P

Date Prep: 10.09.2020

LCSD Sample Id: 7712991-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	274	110	274	110	90-110	0	20	mg/kg	10.09.2020 17:45	

Analytical Method: Chloride by EPA 300

Seq Number: 3139289

Parent Sample Id: 674625-015

Matrix: Soil

MS Sample Id: 674625-015 S

Prep Method: E300P

Date Prep: 10.08.2020

MSD Sample Id: 674625-015 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	520	253	770	99	768	98	90-110	0	20	mg/kg	10.09.2020 00:03	

Analytical Method: Chloride by EPA 300

Seq Number: 3139289

Parent Sample Id: 674626-008

Matrix: Soil

MS Sample Id: 674626-008 S

Prep Method: E300P

Date Prep: 10.08.2020

MSD Sample Id: 674626-008 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	9.29	252	290	111	290	111	90-110	0	20	mg/kg	10.09.2020 12:27	X

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Hungry Horse LLC DCP

Analytical Method: Chloride by EPA 300

Seq Number: 3139291

Parent Sample Id: 674626-018

Matrix: Soil

MS Sample Id: 674626-018 S

Prep Method: E300P

Date Prep: 10.08.2020

MSD Sample Id: 674626-018 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	8.96	249	284	110	285	111	90-110	0	20	mg/kg	10.09.2020 09:22	X

Analytical Method: Chloride by EPA 300

Seq Number: 3139291

Parent Sample Id: 674626-028

Matrix: Soil

MS Sample Id: 674626-028 S

Prep Method: E300P

Date Prep: 10.08.2020

MSD Sample Id: 674626-028 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	9.02	248	282	110	285	111	90-110	1	20	mg/kg	10.09.2020 10:36	X

Analytical Method: Chloride by EPA 300

Seq Number: 3139364

Parent Sample Id: 674626-038

Matrix: Soil

MS Sample Id: 674626-038 S

Prep Method: E300P

Date Prep: 10.09.2020

MSD Sample Id: 674626-038 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.02	251	269	107	274	109	90-110	2	20	mg/kg	10.09.2020 14:35	

Analytical Method: Chloride by EPA 300

Seq Number: 3139364

Parent Sample Id: 674626-048

Matrix: Soil

MS Sample Id: 674626-048 S

Prep Method: E300P

Date Prep: 10.09.2020

MSD Sample Id: 674626-048 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<4.96	248	288	116	279	113	90-110	3	20	mg/kg	10.09.2020 16:04	X

Analytical Method: Chloride by EPA 300

Seq Number: 3139370

Parent Sample Id: 674626-054

Matrix: Soil

MS Sample Id: 674626-054 S

Prep Method: E300P

Date Prep: 10.09.2020

MSD Sample Id: 674626-054 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<4.98	249	258	104	257	103	90-110	0	20	mg/kg	10.09.2020 19:33	

Analytical Method: Chloride by EPA 300

Seq Number: 3139370

Parent Sample Id: 674783-001

Matrix: Soil

MS Sample Id: 674783-001 S

Prep Method: E300P

Date Prep: 10.09.2020

MSD Sample Id: 674783-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	101	251	377	110	377	110	90-110	0	20	mg/kg	10.09.2020 18:04	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Hungry Horse LLC DCP

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139281

Matrix: Solid

Prep Method: SW8015P

Date Prep: 10.08.2020

MB Sample Id: 7712939-1-BLK

LCS Sample Id: 7712939-1-BKS

LCSD Sample Id: 7712939-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	1030	103	1030	103	70-130	0	20	mg/kg	10.09.2020 08:07	
Diesel Range Organics (DRO)	<50.0	1000	1070	107	1020	102	70-130	5	20	mg/kg	10.09.2020 08:07	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	108		118		116		70-130	%	10.09.2020 08:07
o-Terphenyl	122		120		120		70-130	%	10.09.2020 08:07

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139386

Matrix: Solid

Prep Method: SW8015P

Date Prep: 10.10.2020

MB Sample Id: 7713051-1-BLK

LCS Sample Id: 7713051-1-BKS

LCSD Sample Id: 7713051-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	1020	102	1000	100	70-130	2	20	mg/kg	10.10.2020 11:35	
Diesel Range Organics (DRO)	<50.0	1000	1050	105	1040	104	70-130	1	20	mg/kg	10.10.2020 11:35	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	110		125		115		70-130	%	10.10.2020 11:35
o-Terphenyl	125		121		119		70-130	%	10.10.2020 11:35

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139388

Matrix: Solid

Prep Method: SW8015P

Date Prep: 10.10.2020

MB Sample Id: 7713053-1-BLK

LCS Sample Id: 7713053-1-BKS

LCSD Sample Id: 7713053-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	1020	102	1020	102	70-130	0	20	mg/kg	10.10.2020 20:19	
Diesel Range Organics (DRO)	<50.0	1000	1050	105	1060	106	70-130	1	20	mg/kg	10.10.2020 20:19	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	101		115		115		70-130	%	10.10.2020 20:19
o-Terphenyl	114		119		119		70-130	%	10.10.2020 20:19

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Hungry Horse LLC

DCP

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139396

MB Sample Id: 7713061-1-BLK

Matrix: Solid

LCS Sample Id: 7713061-1-BKS

Prep Method: SW8015P

Date Prep: 10.11.2020

LCSD Sample Id: 7713061-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	1000	100	1120	112	70-130	11	20	mg/kg	10.11.2020 13:53	
Diesel Range Organics (DRO)	<50.0	1000	1030	103	1140	114	70-130	10	20	mg/kg	10.11.2020 13:53	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	93		119		129		70-130	%	10.11.2020 13:53
o-Terphenyl	106		116		129		70-130	%	10.11.2020 13:53

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139281

Matrix: Solid

MB Sample Id: 7712939-1-BLK

Prep Method: SW8015P

Date Prep: 10.08.2020

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.09.2020 03:25	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139386

Matrix: Solid

MB Sample Id: 7713051-1-BLK

Prep Method: SW8015P

Date Prep: 10.10.2020

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.10.2020 11:15	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139388

Matrix: Solid

MB Sample Id: 7713053-1-BLK

Prep Method: SW8015P

Date Prep: 10.10.2020

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.10.2020 20:00	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139396

Matrix: Solid

MB Sample Id: 7713061-1-BLK

Prep Method: SW8015P

Date Prep: 10.11.2020

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.11.2020 13:34	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Hungry Horse LLC DCP

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139281

Parent Sample Id: 674626-061

Matrix: Soil

MS Sample Id: 674626-061 S

Prep Method: SW8015P

Date Prep: 10.08.2020

MSD Sample Id: 674626-061 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	969	97	997	100	70-130	3	20	mg/kg	10.09.2020 04:42	
Diesel Range Organics (DRO)	129	997	985	86	1030	90	70-130	4	20	mg/kg	10.09.2020 04:42	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	127		124		70-130	%	10.09.2020 04:42
o-Terphenyl	128		126		70-130	%	10.09.2020 04:42

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139386

Parent Sample Id: 674626-001

Matrix: Soil

MS Sample Id: 674626-001 S

Prep Method: SW8015P

Date Prep: 10.10.2020

MSD Sample Id: 674626-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.8	996	913	92	903	90	70-130	1	20	mg/kg	10.10.2020 12:33	
Diesel Range Organics (DRO)	<49.8	996	965	97	940	94	70-130	3	20	mg/kg	10.10.2020 12:33	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	114		114		70-130	%	10.10.2020 12:33
o-Terphenyl	113		117		70-130	%	10.10.2020 12:33

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139388

Parent Sample Id: 674626-021

Matrix: Soil

MS Sample Id: 674626-021 S

Prep Method: SW8015P

Date Prep: 10.10.2020

MSD Sample Id: 674626-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	998	956	96	950	95	70-130	1	20	mg/kg	10.10.2020 21:17	
Diesel Range Organics (DRO)	73.0	998	993	92	986	91	70-130	1	20	mg/kg	10.10.2020 21:17	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	112		113		70-130	%	10.10.2020 21:17
o-Terphenyl	113		107		70-130	%	10.10.2020 21:17

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Hungry Horse LLC DCP

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139396

Parent Sample Id: 674626-041

Matrix: Soil

MS Sample Id: 674626-041 S

Prep Method: SW8015P

Date Prep: 10.11.2020

MSD Sample Id: 674626-041 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	998	944	95	942	94	70-130	0	20	mg/kg	10.11.2020 14:51	
Diesel Range Organics (DRO)	54.0	998	1000	95	990	94	70-130	1	20	mg/kg	10.11.2020 14:51	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	110		112		70-130	%	10.11.2020 14:51
o-Terphenyl	109		109		70-130	%	10.11.2020 14:51

Analytical Method: BTEX by EPA 8021B

Seq Number: 3139216

MB Sample Id: 7712945-1-BLK

Matrix: Solid

LCS Sample Id: 7712945-1-BKS

Prep Method: SW5035A

Date Prep: 10.08.2020

LCSD Sample Id: 7712945-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0787	79	0.0841	84	70-130	7	35	mg/kg	10.08.2020 15:21	
Toluene	<0.00200	0.100	0.0802	80	0.0882	88	70-130	10	35	mg/kg	10.08.2020 15:21	
Ethylbenzene	<0.00200	0.100	0.100	100	0.112	112	70-130	11	35	mg/kg	10.08.2020 15:21	
m,p-Xylenes	<0.00400	0.200	0.203	102	0.224	112	70-130	10	35	mg/kg	10.08.2020 15:21	
o-Xylene	<0.00200	0.100	0.102	102	0.113	113	70-130	10	35	mg/kg	10.08.2020 15:21	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	99		93		110		70-130	%	10.08.2020 15:21
4-Bromofluorobenzene	67	**	112		116		70-130	%	10.08.2020 15:21

Analytical Method: BTEX by EPA 8021B

Seq Number: 3139337

MB Sample Id: 7713006-1-BLK

Matrix: Solid

LCS Sample Id: 7713006-1-BKS

Prep Method: SW5035A

Date Prep: 10.09.2020

LCSD Sample Id: 7713006-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0879	88	0.0963	96	70-130	9	35	mg/kg	10.09.2020 15:20	
Toluene	<0.00200	0.100	0.0919	92	0.0998	100	70-130	8	35	mg/kg	10.09.2020 15:20	
Ethylbenzene	<0.00200	0.100	0.0861	86	0.0989	99	70-130	14	35	mg/kg	10.09.2020 15:20	
m,p-Xylenes	<0.00400	0.200	0.186	93	0.211	106	70-130	13	35	mg/kg	10.09.2020 15:20	
o-Xylene	<0.00200	0.100	0.0870	87	0.100	100	70-130	14	35	mg/kg	10.09.2020 15:20	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	91		95		99		70-130	%	10.09.2020 15:20
4-Bromofluorobenzene	88		81		97		70-130	%	10.09.2020 15:20

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Hungry Horse LLC DCP

Analytical Method: BTEX by EPA 8021B

Seq Number: 3139416

Matrix: Solid

Prep Method: SW5035A

Date Prep: 10.09.2020

MB Sample Id: 7713007-1-BLK

LCS Sample Id: 7713007-1-BKS

LCSD Sample Id: 7713007-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0937	94	0.0966	97	70-130	3	35	mg/kg	10.10.2020 03:03	
Toluene	<0.00200	0.100	0.0963	96	0.0974	97	70-130	1	35	mg/kg	10.10.2020 03:03	
Ethylbenzene	<0.00200	0.100	0.0930	93	0.0950	95	70-130	2	35	mg/kg	10.10.2020 03:03	
m,p-Xylenes	<0.00400	0.200	0.198	99	0.201	101	70-130	2	35	mg/kg	10.10.2020 03:03	
o-Xylene	<0.00200	0.100	0.0951	95	0.0965	97	70-130	1	35	mg/kg	10.10.2020 03:03	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	89		102		101		70-130	%	10.10.2020 03:03
4-Bromofluorobenzene	86		92		95		70-130	%	10.10.2020 03:03

Analytical Method: BTEX by EPA 8021B

Seq Number: 3139418

Matrix: Solid

Prep Method: SW5035A

Date Prep: 10.10.2020

MB Sample Id: 7713036-1-BLK

LCS Sample Id: 7713036-1-BKS

LCSD Sample Id: 7713036-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0990	99	0.0947	95	70-130	4	35	mg/kg	10.10.2020 14:42	
Toluene	<0.00200	0.100	0.0994	99	0.0954	95	70-130	4	35	mg/kg	10.10.2020 14:42	
Ethylbenzene	<0.00200	0.100	0.0960	96	0.0919	92	70-130	4	35	mg/kg	10.10.2020 14:42	
m,p-Xylenes	<0.00400	0.200	0.200	100	0.193	97	70-130	4	35	mg/kg	10.10.2020 14:42	
o-Xylene	<0.00200	0.100	0.0979	98	0.0940	94	70-130	4	35	mg/kg	10.10.2020 14:42	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	87		102		102		70-130	%	10.10.2020 14:42
4-Bromofluorobenzene	87		102		96		70-130	%	10.10.2020 14:42

Analytical Method: BTEX by EPA 8021B

Seq Number: 3139447

Matrix: Solid

Prep Method: SW5035A

Date Prep: 10.12.2020

MB Sample Id: 7713081-1-BLK

LCS Sample Id: 7713081-1-BKS

LCSD Sample Id: 7713081-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0864	86	0.0910	91	70-130	5	35	mg/kg	10.12.2020 09:39	
Toluene	<0.00200	0.100	0.0872	87	0.0924	92	70-130	6	35	mg/kg	10.12.2020 09:39	
Ethylbenzene	<0.00200	0.100	0.0849	85	0.0893	89	70-130	5	35	mg/kg	10.12.2020 09:39	
m,p-Xylenes	<0.00400	0.200	0.178	89	0.190	95	70-130	7	35	mg/kg	10.12.2020 09:39	
o-Xylene	<0.00200	0.100	0.0883	88	0.0919	92	70-130	4	35	mg/kg	10.12.2020 09:39	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	90		101		98		70-130	%	10.12.2020 09:39
4-Bromofluorobenzene	85		96		98		70-130	%	10.12.2020 09:39

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Hungry Horse LLC DCP

Analytical Method: BTEX by EPA 8021B

Seq Number: 3139505

Matrix: Solid

Prep Method: SW5035A

Date Prep: 10.12.2020

MB Sample Id: 7713125-1-BLK

LCS Sample Id: 7713125-1-BKS

LCSD Sample Id: 7713125-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0960	96	0.0889	89	70-130	8	35	mg/kg	10.12.2020 16:02	
Toluene	<0.00200	0.100	0.0949	95	0.0883	88	70-130	7	35	mg/kg	10.12.2020 16:02	
Ethylbenzene	<0.00200	0.100	0.0977	98	0.0927	93	70-130	5	35	mg/kg	10.12.2020 16:02	
m,p-Xylenes	<0.00400	0.200	0.198	99	0.188	94	70-130	5	35	mg/kg	10.12.2020 16:02	
o-Xylene	<0.00200	0.100	0.0988	99	0.0932	93	70-130	6	35	mg/kg	10.12.2020 16:02	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	97		98		98		70-130	%	10.12.2020 16:02
4-Bromofluorobenzene	104		97		99		70-130	%	10.12.2020 16:02

Analytical Method: BTEX by EPA 8021B

Seq Number: 3139216

Matrix: Soil

Prep Method: SW5035A

Date Prep: 10.08.2020

Parent Sample Id: 674626-001

MS Sample Id: 674626-001 S

MSD Sample Id: 674626-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	0.00871	0.100	0.0762	67	0.0675	59	70-130	12	35	mg/kg	10.08.2020 16:02	X
Toluene	0.0179	0.100	0.0775	60	0.0677	50	70-130	13	35	mg/kg	10.08.2020 16:02	X
Ethylbenzene	<0.00200	0.100	0.0766	77	0.0611	61	70-130	23	35	mg/kg	10.08.2020 16:02	X
m,p-Xylenes	<0.00400	0.200	0.153	77	0.0946	47	70-130	47	35	mg/kg	10.08.2020 16:02	XF
o-Xylene	<0.00200	0.100	0.0781	78	0.0481	48	70-130	48	35	mg/kg	10.08.2020 16:02	XF

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	92		98		70-130	%	10.08.2020 16:02
4-Bromofluorobenzene	107		59	**	70-130	%	10.08.2020 16:02

Analytical Method: BTEX by EPA 8021B

Seq Number: 3139337

Matrix: Soil

Prep Method: SW5035A

Date Prep: 10.09.2020

Parent Sample Id: 674734-002

MS Sample Id: 674734-002 S

MSD Sample Id: 674734-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0711	71	0.0683	68	70-130	4	35	mg/kg	10.09.2020 16:03	X
Toluene	<0.00200	0.100	0.0737	74	0.0681	67	70-130	8	35	mg/kg	10.09.2020 16:03	X
Ethylbenzene	<0.00200	0.100	0.0694	69	0.0628	62	70-130	10	35	mg/kg	10.09.2020 16:03	X
m,p-Xylenes	<0.00401	0.200	0.168	84	0.158	78	70-130	6	35	mg/kg	10.09.2020 16:03	
o-Xylene	<0.00200	0.100	0.0820	82	0.0822	81	70-130	0	35	mg/kg	10.09.2020 16:03	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	99		101		70-130	%	10.09.2020 16:03
4-Bromofluorobenzene	105		112		70-130	%	10.09.2020 16:03

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Hungry Horse LLC DCP

Analytical Method: BTEX by EPA 8021B

Seq Number: 3139416

Matrix: Soil

Prep Method: SW5035A

Date Prep: 10.09.2020

Parent Sample Id: 674626-021

MS Sample Id: 674626-021 S

MSD Sample Id: 674626-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	0.0124	0.0992	0.0551	43	0.0566	44	70-130	3	35	mg/kg	10.10.2020 03:45	X
Toluene	0.00491	0.0992	0.0416	37	0.0396	35	70-130	5	35	mg/kg	10.10.2020 03:45	X
Ethylbenzene	0.00516	0.0992	0.0289	24	0.0257	21	70-130	12	35	mg/kg	10.10.2020 03:45	X
m,p-Xylenes	0.00516	0.198	0.0695	32	0.0660	30	70-130	5	35	mg/kg	10.10.2020 03:45	X
o-Xylene	0.00563	0.0992	0.0362	31	0.0353	30	70-130	3	35	mg/kg	10.10.2020 03:45	X

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	102		106		70-130	%	10.10.2020 03:45
4-Bromofluorobenzene	96		107		70-130	%	10.10.2020 03:45

Analytical Method: BTEX by EPA 8021B

Seq Number: 3139418

Matrix: Soil

Prep Method: SW5035A

Date Prep: 10.10.2020

Parent Sample Id: 674626-041

MS Sample Id: 674626-041 S

MSD Sample Id: 674626-041 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0994	0.0879	88	0.0865	87	70-130	2	35	mg/kg	10.10.2020 15:27	
Toluene	<0.00199	0.0994	0.0863	87	0.0856	86	70-130	1	35	mg/kg	10.10.2020 15:27	
Ethylbenzene	<0.00199	0.0994	0.0757	76	0.0756	76	70-130	0	35	mg/kg	10.10.2020 15:27	
m,p-Xylenes	<0.00398	0.199	0.161	81	0.159	80	70-130	1	35	mg/kg	10.10.2020 15:27	
o-Xylene	<0.00199	0.0994	0.0781	79	0.0805	81	70-130	3	35	mg/kg	10.10.2020 15:27	

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	104		105		70-130	%	10.10.2020 15:27
4-Bromofluorobenzene	97		110		70-130	%	10.10.2020 15:27

Analytical Method: BTEX by EPA 8021B

Seq Number: 3139447

Matrix: Soil

Prep Method: SW5035A

Date Prep: 10.12.2020

Parent Sample Id: 674626-061

MS Sample Id: 674626-061 S

MSD Sample Id: 674626-061 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00201	0.101	0.0267	26	0.0241	24	70-130	10	35	mg/kg	10.12.2020 10:20	X
Toluene	<0.00201	0.101	0.0408	40	0.0335	34	70-130	20	35	mg/kg	10.12.2020 10:20	X
Ethylbenzene	<0.00201	0.101	0.0298	30	0.0252	25	70-130	17	35	mg/kg	10.12.2020 10:20	X
m,p-Xylenes	<0.00402	0.201	0.0784	39	0.0591	30	70-130	28	35	mg/kg	10.12.2020 10:20	X
o-Xylene	<0.00201	0.101	0.0475	47	0.0394	40	70-130	19	35	mg/kg	10.12.2020 10:20	X

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	96		102		70-130	%	10.12.2020 10:20
4-Bromofluorobenzene	97		105		70-130	%	10.12.2020 10:20

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C-A) / B$
 $RPD = 200 * |(C-E) / (C+E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Hungry Horse LLC

DCP

Analytical Method: BTEX by EPA 8021B

Seq Number: 3139505

Matrix: Soil

Prep Method: SW5035A

Parent Sample Id: 674878-001

MS Sample Id: 674878-001 S

Date Prep: 10.12.2020

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
Benzene	<0.00200	0.0998	0.0501	50	70-130	mg/kg	10.12.2020 17:03	X
Toluene	<0.00200	0.0998	0.0482	48	70-130	mg/kg	10.12.2020 17:03	X
Ethylbenzene	0.00179	0.0998	0.0447	43	70-130	mg/kg	10.12.2020 17:03	X
m,p-Xylenes	0.00243	0.200	0.0876	43	70-130	mg/kg	10.12.2020 17:03	X
o-Xylene	0.00275	0.0998	0.0450	42	70-130	mg/kg	10.12.2020 17:03	X

Surrogate	MS %Rec	MS Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	92		70-130	%	10.12.2020 17:03
4-Bromofluorobenzene	109		70-130	%	10.12.2020 17:03

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
 Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
 Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
 Atlanta, GA (770) 449-8800

Work Order No:

674636

www.xenco.com Page 11 of 7

Project Manager:	Daniel Dominguez	Bill to: (if different)	
Company Name:	Hungry Horse	Company Name:	
Address:	P.O. Box 1058	Address:	
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	
Phone:	575 393-3386	Email:	pm@hungry-horse.com

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

Project Name:	DCP		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:			☒ Routine	☐ Rush															None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ 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:	N-Line Leak		Due Date:																		
Sampler's Name:	Ashton Rich		TAT starts the day received by the lab, if received by 4:30pm																		
PO #:																					
SAMPLE RECEIPT		Temp Blank:	Yes	No	Wet Ice:	Yes	No														
Received In tact:		Yes	No	Thermometer ID:																	
Cooler Custody Seals:		Yes	No	N/A	Correction Factor:																
Sample Custody Seals:		Yes	No	N/A	Temperature Reading:																
Total Containers:		Corrected Temperature:																			
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont													Sample Comments	
1 BH 1			10/7/2020					X	X	X	X	X	X	X	X	X					
1 BH 2			10/7/2020					X	X	X	X	X	X	X	X	X					
1 BH 3			10/7/2020					X	X	X	X	X	X	X	X	X					
1 BH 4			10/7/2020					X	X	X	X	X	X	X	X	X					
1 BH 5			10/7/2020					X	X	X	X	X	X	X	X	X					
1 BH 6			10/7/2020					X	X	X	X	X	X	X	X	X					
1 BH 7			10/7/2020					X	X	X	X	X	X	X	X	X					
1 BH 8			10/7/2020					X	X	X	X	X	X	X	X	X					
1 BH 9			10/7/2020					X	X	X	X	X	X	X	X	X					
1 BH 10			10/7/2020					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 Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to 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>	10/6/20	<i>[Signature]</i>	<i>[Signature]</i>	10/8
5			6		11/4



Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
 Midland, TX (432) 704-5440, El Paso, TX (915) 585-2443, Lubbock, TX (806) 794-1266
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
 Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-670
 Atlanta, GA (770) 449-8800

674624

www.xenco.com Page 4 of 7

Project Manager:	Daniel Dominguez	Bill to: (if different)	
Company Name:	Hungry Horse	Company Name:	
Address:	P.O. Box 1058	Address:	
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	
Phone:	575 393-3386	Email:	pm@hungry-horse.com

www.xenco.com Page <u>1</u> of <u>1</u> 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: _____			

ANALYSIS REQUEST						Preservative Codes	
Project Name:	DCP	Turn Around	Press. Code				
Project Number:		☒ Routine ☐ Rush					None: NO DI Water: H ₂ O
Project Location	N-Line Leak	Due Date:					Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN
Sampler's Name:	Ashton Rich	TAT starts the day received by the lab, if received by 4:30pm					
PO #:							
SAMPLE RECEIPT							
Received Intact:	Temp Blank:	Yes No	Yes No	Wet Ice:	Yes No	H ₂ SO ₄ : H ₂ NaOH: Na	
Cooler Custody Seals:	Yes No N/A	Thermometer ID:					H ₃ PO ₄ : HP
Sample Custody Seals:	Yes No N/A	Correction Factor:					NaHSO ₄ : NABIS
Total Containers:	Temperature Reading:					Na ₂ S ₂ O ₃ : NaSO ₃	Zn Acetate+NaOH: Zn
	Corrected Temperature:					NaOH+Ascorbic Acid: SAPC	
Parameters							
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
1 BH 11		10/7/2020					X X X Chloride BTEX TPH
1 BH 12		10/7/2020					X X X
1 BH 13		10/7/2020					X X X
1 BH 14		10/7/2020					X X X
1 BH 15		10/7/2020					X X X
1 BH 16		10/7/2020					X X X
1 BH 17		10/7/2020					X X X
1 BH 18		10/7/2020					X X X
1 BH 19		10/7/2020					X X X
1 BH 20		10/7/2020					X X X
Total 200.7 / 6010		200.8 / 6020:		8RCBA 13DDM T-000444 AL ST 4 S			

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

O₂ Na Sr Tl Sn U V Zn
Hg: 1631 / 245.1 / 7470 / 7471

Revised Date 05012020 Rev. 2020.1



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 500-3334
Midland, TX (432) 704-5440, El Paso, TX (915) 585-3443, Lubbock, TX (806) 754-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6707
Atlanta, GA (770) 449-8800

Work Order No: 674636

www.xenco.com Page 2 of 1

Project Manager:	Daniel Dominguez	Bill to: (if different)	
Company Name:	Hungry Horse	Company Name:	
Address:	P. O. Box 1058	Address:	
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	
Phone:	575-393-3386	Email:	pm@hungry-horse.com

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

Project Name:		DCP		Turn Around		ANALYSIS REQUEST										Preservative Codes			
Project Number:		☒ Routine	☐ Rush													None: NO	DI Water: H ₂ O		
Project Location	N-Line Leak			Due Date:												Cool: Cool	MeOH: Me		
Sampler's Name:	Ashton Rich			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										
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	Parameters											
1 BH 21			10/7/2020				X	X	X	Chloride BTX TPH									
1 BH 22			10/7/2020				X	X	X										
1 BH 23			10/7/2020				X	X	X										
1 BH 24			10/7/2020				X	X	X										
1 BH 25			10/7/2020				X	X	X										
1 BH 26			10/7/2020				X	X	X										
1 BH 27			10/7/2020				X	X	X										
1 BH 28			10/7/2020				X	X	X										
1 BH 29			10/7/2020				X	X	X										
1 BH 30			10/7/2020				X	X	X										
Sample Comments														NaOH+Ascorbic Acid: SAPC					

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to 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>	10/07	2 <i>[Signature]</i>	<i>[Signature]</i>	10/08
3			4		
5			6		11/40



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
 Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1286
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
 Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
 Atlanta, GA (770) 449-8800

Work Order No:

6746340

www.xenco.com

Page 4 of 7

Project Manager:	Daniel Dominguez	Bill to: (if different)	
Company Name:	Hungry Horse	Company Name:	
Address:	P.O. Box 1058	Address:	
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	
Phone:	575 393-3386	Email:	pm@hungry-horse.com

Program: ☒ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund State of Project:	
Reporting Level II ☐	Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐	AdAPT ☐ Other: ☐

Project Name:	DCP	Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes			
Project Number:		☒ Routine	☐ Rush																		None: NO	DI Water: H ₂ O		
Project Location	N-Line Leak	Due Date:	TAT starts the day received by the lab, if received by 4:30pm																			Cool: Cool	MeOH: Me	
Sampler's Name:	Ashton Rich																				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	
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:																			NaOH+Ascorbic Acid: SAPC			
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont																	Sample Comments	
1 BH 31		10/7/2020					Chloride																	
1 BH 32		10/7/2020					TPH																	
1 BH 33		10/7/2020					BTEX																	
1 BH 34		10/7/2020																						
1 BH 35		10/7/2020																						
1 BH 36		10/7/2020																						
1 BH 37		10/7/2020																						
1 BH 38		10/7/2020																						
1 BH 39		10/7/2020																						
1 BH 40		10/7/2020																						

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 Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to 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>	10/6/21	3 <i>[Signature]</i>	4 <i>[Signature]</i>	10/6
5	6				11/4



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
Midland, TX (432) 704-5440, El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1266
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
Atlanta, GA (770) 449-8800

Work Order No.:

gentle

www.xenco.com

Page 4 of 7

Project Manager:	Daniel Dominguez	Bill to: (if different)	
Company Name:	Hungry Horse	Company Name:	
Address:	P.O. Box 1058	Address:	
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	
Phone:	575 393-3386	Email:	pm@hungry-horse.com

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

Project Name:		DCP		Turn Around	
Project Number:				☒ Routine ☐ Rush	
Project Location		N-Line Leak		Due Date:	
Sampler's Name:		Ashton Rich		TAT starts the day received by the lab, if received by 4:30pm	
PO #:					
SAMPLE RECEIPT		Temp Blank:		Yes No	
Received Intact:		Yes No		Thermometer ID:	
Cooler Custody Seals:		Yes No N/A		Correction Factor:	
Sample Custody Seals:		Yes No N/A		Temperature Reading:	
Total Containers:				Corrected Temperature:	

ANALYSIS REQUEST										Preservative Codes	
Pres. Code											
										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	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grav/ Comp	# of Cont	Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1 BH 41		10/7/2020					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	Tl	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	Tl	U												
Notice:			Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.																														
			Hq:	1631 / 245.1	7470 / 7471																												

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10/07	<i>[Signature]</i>	<i>[Signature]</i>	10/78
					11/40



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 508-3334
 Midland, TX (432) 704-5440, El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1266
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
 Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
 Atlanta, GA (770) 449-8800

Work Order No.:

074024

www.xenco.com Page 14 of 17

Project Manager:	Daniel Dominguez	Bill to: (if different)	
Company Name:	Hungry Horse	Company Name:	
Address:	P. O. Box 1058	Address:	
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	
Phone:	575 393-3386	Email:	pm@hungry-horse.com

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

[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	Tl	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	Tl	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 Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to 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
		10/10/17			10/9/17
					11/4/17



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 508-3334
Midland, TX (432) 794-5440, El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (675) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
Atlanta, GA (770) 449-8800

Work Order No:

074726

Project Manager:	Daniel Dominguez	Bill to: (if different)	Huangm Horse
Company Name:	DCD	Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:		Email:	pm@huangm-horse.com
Project Name:	NIWEEK TMB		

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other:

		Turn Around	
Project Number:	1000000000 1000000000	☒ Routine	☐ Rush
Project Location	N-141N/E	Due Date:	
Sampler's Name:	Alston, Rich	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			
SAMPLE RECEIPT		Temp Blank:	Yes No
Received Intact:	Yes No	Thermometer ID:	Yes No
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Parameters	ANALYSIS REQUEST								Preservative Codes	
	Pres.									
Oxide									None; NO	Dl Water; H ₂ O
X									Cool; Cool	Mech; Me
f									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	

[illegible]

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Muller</i>	<i>Teresa Franz</i>	10/07	2 <i>Teresa Franz</i>	<i>J. H. H. H. H.</i>	10/08
3			4		11/14
5			6		

ORIGIN ID: HOBBA (5/5) 392-1850

* MAIL SERVICES ETC
4008 N GRIMESHOBBS, NM 88240
UNITED STATES USSHIP DATE: 07OCT20
ACTWGT: 53.00 LB MAN
CAD: 0103352/CAFE3313
DIMS: 27x15x14 IN

BILL SENDER

TO XENCO HOLD FOR PICKUP
FEDEX EXPRESS SHIP CENTER
FEDEX EXPRESS SHIP CENTER
3600 COUNTY ROAD 1276 SOUTH

MIDLAND TX 79711

(432) 704-5440

REF:

DEPT:

INV:

PO:

FedEx
Express

J191219082081uv

1 of 2
TRKH 9061 5135 1017
0201
HH MASTER HH

41 MAFA

THU - 08 OCT HOLD
PRIORITY OVERNIGHT
HLDMAFA
TX-US LBB

Post # 156148-434 INT EXP 01/21

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Hungry Horse LLC

Date/ Time Received: 10.08.2020 11.40.00 AM

Work Order #: 674626

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR-8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	2.7
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	N/A
#5 Custody Seals intact on sample bottles?	N/A
#6 *Custody Seals Signed and dated?	N/A
#7 *Chain of Custody present?	Yes
#8 Any missing/extra samples?	No
#9 Chain of Custody signed when relinquished/ received?	Yes
#10 Chain of Custody agrees with sample labels/matrix?	Yes
#11 Container label(s) legible and intact?	Yes
#12 Samples in proper container/ bottle?	Yes
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	N/A
#18 Water VOC samples have zero headspace?	N/A

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:

PH Device/Lot#:

Checklist completed by:



Brianna Teel

Date: 10.08.2020

Checklist reviewed by:



Holly Taylor

Date: 10.08.2020

Certificate of Analysis Summary 674627



Hungry Horse LLC, Hobbs, NM

Project Name: DCP

Project Id:

Date Received in Lab: Thu 10.08.2020 11:40

Contact: Daniel Dominquez

Report Date: 10.14.2020 15:35

Project Location: N-Line Leak

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	674627-001	674627-002	674627-003	674627-004	674627-005	674627-006
	<i>Field Id:</i>	2 BH 1	2 BH 2	2 BH 3	2 BH 4	2 BH 5	2 BH 6
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	10.10.2020 10:00	10.10.2020 10:00	10.12.2020 09:00	10.10.2020 10:00	10.10.2020 10:00	10.10.2020 10:00
	<i>Analyzed:</i>	10.11.2020 05:01	10.11.2020 05:22	10.12.2020 19:23	10.11.2020 06:03	10.11.2020 06:24	10.11.2020 06:44
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00201 0.00201	<0.00202 0.00202	0.00519 0.00202	0.00841 0.00201	0.00534 0.00200	0.00451 0.00202
Toluene		<0.00201 0.00201	<0.00202 0.00202	0.0336 0.00202	0.0234 0.00201	0.0185 0.00200	0.0142 0.00202
Ethylbenzene		<0.00201 0.00201	<0.00202 0.00202	<0.00202 0.00202	<0.00201 0.00201	<0.00200 0.00200	<0.00202 0.00202
m,p-Xylenes		<0.00402 0.00402	<0.00404 0.00404	<0.00403 0.00403	<0.00402 0.00402	<0.00399 0.00399	<0.00404 0.00404
o-Xylene		<0.00201 0.00201	<0.00202 0.00202	<0.00202 0.00202	<0.00201 0.00201	<0.00200 0.00200	<0.00202 0.00202
Total Xylenes		<0.00201 0.00201	<0.00202 0.00202	<0.00202 0.00202	<0.00201 0.00201	<0.00200 0.00200	<0.00202 0.00202
Total BTEX		<0.00201 0.00201	<0.00202 0.00202	0.0388 0.00202	0.0318 0.00201	0.0238 0.00200	0.0187 0.00202
Chloride by EPA 300	<i>Extracted:</i>	10.09.2020 15:05	10.09.2020 15:05	10.09.2020 15:05	10.09.2020 15:05	10.09.2020 15:05	10.09.2020 15:05
	<i>Analyzed:</i>	10.10.2020 15:29	10.10.2020 15:48	10.10.2020 15:55	10.10.2020 16:01	10.10.2020 16:07	10.10.2020 16:26
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		<5.04 5.04	<4.95 4.95	<5.03 5.03	<4.96 4.96	<5.00 5.00	<4.97 4.97
TPH By SW8015 Mod	<i>Extracted:</i>	10.08.2020 13:00	10.08.2020 13:00	10.08.2020 13:00	10.08.2020 13:00	10.08.2020 13:00	10.08.2020 13:00
	<i>Analyzed:</i>	10.08.2020 19:43	10.08.2020 20:40	10.08.2020 21:00	10.08.2020 21:19	10.08.2020 21:38	10.08.2020 21:57
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.8 49.8
Diesel Range Organics (DRO)		60.0 50.0	55.0 50.0	<49.9 49.9	<50.0 50.0	50.6 49.9	<49.8 49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.8 49.8
Total TPH		60.0 50.0	55.0 50.0	<49.9 49.9	<50.0 50.0	50.6 49.9	<49.8 49.8

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Certificate of Analysis Summary 674627



Hungry Horse LLC, Hobbs, NM

Project Name: DCP

Project Id:

Date Received in Lab: Thu 10.08.2020 11:40

Contact: Daniel Dominquez

Report Date: 10.14.2020 15:35

Project Location: N-Line Leak

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	674627-007	674627-008	674627-009	674627-010	674627-011	674627-012
	<i>Field Id:</i>	2 BH 7	2 BH 8	2 BH 9	2 BH 10	2 BH 11	2 BH 12
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	10.10.2020 10:00	10.10.2020 10:00	10.12.2020 09:00	10.12.2020 09:00	10.10.2020 10:00	10.10.2020 10:00
	<i>Analyzed:</i>	10.11.2020 07:05	10.11.2020 07:26	10.12.2020 19:44	10.12.2020 20:05	10.11.2020 09:49	10.11.2020 10:10
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201
Toluene		<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	0.00316 0.00200	<0.00201 0.00201	<0.00201 0.00201
Ethylbenzene		<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201
m,p-Xylenes		<0.00401 0.00401	<0.00400 0.00400	<0.00401 0.00401	<0.00401 0.00401	<0.00402 0.00402	<0.00402 0.00402
o-Xylene		<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201
Total Xylenes		<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201
Total BTEX		<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	0.00316 0.00200	<0.00201 0.00201	<0.00201 0.00201
Chloride by EPA 300	<i>Extracted:</i>	10.09.2020 15:05	10.09.2020 15:05	10.09.2020 15:05	10.09.2020 15:05	10.09.2020 15:05	10.09.2020 15:05
	<i>Analyzed:</i>	10.10.2020 16:33	10.10.2020 16:39	10.10.2020 16:46	10.10.2020 16:52	10.10.2020 16:58	10.10.2020 17:17
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		<5.02 5.02	<4.99 4.99	<5.04 5.04	<4.97 4.97	<5.00 5.00	<5.03 5.03
TPH By SW8015 Mod	<i>Extracted:</i>	10.08.2020 13:00	10.08.2020 13:00	10.08.2020 13:00	10.08.2020 13:00	10.08.2020 13:00	10.08.2020 13:00
	<i>Analyzed:</i>	10.08.2020 22:17	10.08.2020 22:36	10.08.2020 22:55	10.08.2020 23:15	10.08.2020 23:53	10.09.2020 00:12
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0
Diesel Range Organics (DRO)		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	59.4 50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0
Total TPH		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	59.4 50.0

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Certificate of Analysis Summary 674627



Hungry Horse LLC, Hobbs, NM

Project Name: DCP

Project Id:

Date Received in Lab: Thu 10.08.2020 11:40

Contact: Daniel Dominquez

Report Date: 10.14.2020 15:35

Project Location: N-Line Leak

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	674627-013	674627-014	674627-015	674627-016	674627-017	674627-018
	<i>Field Id:</i>	2 BH 13	2 BH 14	2 BH 15	2 BH 16	2 SW 1	2 SW 2
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	10.10.2020 10:00	10.10.2020 10:00	10.10.2020 10:00	10.12.2020 09:00	10.10.2020 10:00	10.10.2020 10:00
	<i>Analyzed:</i>	10.11.2020 10:31	10.11.2020 10:52	10.11.2020 11:12	10.12.2020 20:25	10.11.2020 11:54	10.11.2020 12:14
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		0.00591 0.00202	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00201 0.00201	0.00398 0.00200
Toluene		0.0139 0.00202	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200
Ethylbenzene		<0.00202 0.00202	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200
m,p-Xylenes		<0.00403 0.00403	<0.00403 0.00403	<0.00398 0.00398	<0.00399 0.00399	<0.00402 0.00402	<0.00399 0.00399
o-Xylene		<0.00202 0.00202	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200
Total Xylenes		<0.00202 0.00202	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200
Total BTEX		0.0198 0.00202	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	<0.00201 0.00201	0.00398 0.00200
Chloride by EPA 300	<i>Extracted:</i>	10.09.2020 15:05	10.09.2020 15:05	10.09.2020 15:05	10.09.2020 15:05	10.09.2020 15:05	10.09.2020 15:05
	<i>Analyzed:</i>	10.10.2020 17:24	10.10.2020 17:43	10.10.2020 17:49	10.10.2020 17:55	10.10.2020 18:02	10.10.2020 18:08
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		<4.98 4.98	<5.00 5.00	<5.03 5.03	<4.98 4.98	<5.00 5.00	<5.00 5.00
TPH By SW8015 Mod	<i>Extracted:</i>	10.08.2020 13:00	10.08.2020 13:00	10.08.2020 13:00	10.08.2020 13:00	10.08.2020 13:00	10.08.2020 13:00
	<i>Analyzed:</i>	10.09.2020 00:32	10.09.2020 00:51	10.09.2020 01:10	10.09.2020 01:30	10.09.2020 01:49	10.09.2020 02:08
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.9 49.9
Diesel Range Organics (DRO)		62.2 50.0	65.2 50.0	<49.9 49.9	<50.0 50.0	148 49.9	<49.9 49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	51.4 49.9	<49.9 49.9
Total TPH		62.2 50.0	65.2 50.0	<49.9 49.9	<50.0 50.0	199 49.9	<49.9 49.9

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Certificate of Analysis Summary 674627



Hungry Horse LLC, Hobbs, NM

Project Name: DCP

Project Id:

Date Received in Lab: Thu 10.08.2020 11:40

Contact: Daniel Dominquez

Report Date: 10.14.2020 15:35

Project Location: N-Line Leak

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	674627-019	674627-020	674627-021	674627-022	674627-023	674627-024
	<i>Field Id:</i>	2 SW 3	2 SW 4	2 SW 5	2 SW 6	2 SW 7	2 SW 8
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00	10.07.2020 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	10.12.2020 09:00	10.12.2020 09:00	10.12.2020 09:00	10.12.2020 09:00	10.12.2020 09:00	10.12.2020 09:00
	<i>Analyzed:</i>	10.12.2020 20:46	10.12.2020 21:07	10.12.2020 15:32	10.12.2020 15:53	10.12.2020 16:14	10.12.2020 16:35
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00198 0.00198	<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198
Toluene		<0.00198 0.00198	<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198
Ethylbenzene		<0.00198 0.00198	<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198
m,p-Xylenes		<0.00397 0.00397	<0.00402 0.00402	<0.00398 0.00398	<0.00400 0.00400	<0.00399 0.00399	<0.00397 0.00397
o-Xylene		<0.00198 0.00198	<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198
Total Xylenes		<0.00198 0.00198	<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198
Total BTEX		<0.00198 0.00198	<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198
Chloride by EPA 300	<i>Extracted:</i>	10.09.2020 15:05	10.09.2020 15:05	10.09.2020 19:00	10.09.2020 19:00	10.09.2020 19:00	10.09.2020 19:00
	<i>Analyzed:</i>	10.10.2020 18:14	10.10.2020 18:21	10.10.2020 06:53	10.10.2020 06:58	10.10.2020 07:14	10.10.2020 07:19
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		<5.05 5.05	<4.99 4.99	7.15 4.97	8.37 5.00	8.19 5.03	7.73 5.02
TPH By SW8015 Mod	<i>Extracted:</i>	10.08.2020 13:00	10.08.2020 13:00	10.08.2020 16:00	10.08.2020 16:00	10.08.2020 16:00	10.08.2020 16:00
	<i>Analyzed:</i>	10.09.2020 02:28	10.09.2020 02:47	10.09.2020 05:40	10.09.2020 06:00	10.09.2020 06:19	10.09.2020 06:38
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0	<49.9 49.9
Diesel Range Organics (DRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0	<49.9 49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0	<49.9 49.9
Total TPH		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0	<49.9 49.9

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Environment Testing
Xenco

Analytical Report 674627

for

Hungry Horse LLC

Project Manager: Daniel Dominquez

DCP

10.14.2020

Collected By: Client



**1211 W. Florida Ave
Midland TX 79701**

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)



10.14.2020

Project Manager: **Daniel Dominquez**

Hungry Horse LLC

P. O. Box 1058

Hobbs, NM 88241

Reference: Eurofins Xenco, LLC Report No(s): **674627**

DCP

Project Address: N-Line Leak

Daniel Dominquez:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 674627. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 674627 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

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

Holly Taylor
Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

**Sample Cross Reference 674627****Hungry Horse LLC, Hobbs, NM**

DCP

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
2 BH 1	S	10.07.2020 00:00		674627-001
2 BH 2	S	10.07.2020 00:00		674627-002
2 BH 3	S	10.07.2020 00:00		674627-003
2 BH 4	S	10.07.2020 00:00		674627-004
2 BH 5	S	10.07.2020 00:00		674627-005
2 BH 6	S	10.07.2020 00:00		674627-006
2 BH 7	S	10.07.2020 00:00		674627-007
2 BH 8	S	10.07.2020 00:00		674627-008
2 BH 9	S	10.07.2020 00:00		674627-009
2 BH 10	S	10.07.2020 00:00		674627-010
2 BH 11	S	10.07.2020 00:00		674627-011
2 BH 12	S	10.07.2020 00:00		674627-012
2 BH 13	S	10.07.2020 00:00		674627-013
2 BH 14	S	10.07.2020 00:00		674627-014
2 BH 15	S	10.07.2020 00:00		674627-015
2 BH 16	S	10.07.2020 00:00		674627-016
2 SW 1	S	10.07.2020 00:00		674627-017
2 SW 2	S	10.07.2020 00:00		674627-018
2 SW 3	S	10.07.2020 00:00		674627-019
2 SW 4	S	10.07.2020 00:00		674627-020
2 SW 5	S	10.07.2020 00:00		674627-021
2 SW 6	S	10.07.2020 00:00		674627-022
2 SW 7	S	10.07.2020 00:00		674627-023
2 SW 8	S	10.07.2020 00:00		674627-024

**CASE NARRATIVE****Client Name: Hungry Horse LLC****Project Name: DCP**Project ID:
Work Order Number(s): 674627Report Date: 10.14.2020
Date Received: 10.08.2020**Sample receipt non conformances and comments:****Sample receipt non conformances and comments per sample:**

None

Analytical non conformances and comments:

Batch: LBA-3139281 TPH By SW8015 Mod

Surrogate o-Terphenyl recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 674627-022.

Batch: LBA-3139419 BTEX by EPA 8021B

Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene Relative Percent Difference (RPD) between matrix spike and duplicate were above quality control limits.

Samples in the analytical batch are: 674627-001, -002, -004, -005, -006, -007, -008, -011, -012, -013, -014, -015, -017, -018

Lab Sample ID 674627-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 674627-001, -002, -004, -005, -006, -007, -008, -011, -012, -013, -014, -015, -017, -018.

The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3139447 BTEX by EPA 8021B

Surrogate 4-Bromofluorobenzene recovered below QC limits. Matrix interferences is suspected.

Samples affected are: 674627-009.



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 1**
 Lab Sample Id: 674627-001

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
 Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.04	5.04	mg/kg	10.10.2020 15:29	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.08.2020 19:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	60.0	50.0	mg/kg	10.08.2020 19:43		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.08.2020 19:43	U	1
Total TPH	PHC635	60.0	50.0	mg/kg	10.08.2020 19:43		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	109	%	70-130	10.08.2020 19:43		
o-Terphenyl	84-15-1	117	%	70-130	10.08.2020 19:43		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 1**
 Lab Sample Id: 674627-001

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139419

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.11.2020 05:01	UXF	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.11.2020 05:01	UXF	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.11.2020 05:01	UXF	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.11.2020 05:01	UXF	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.11.2020 05:01	UXF	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.11.2020 05:01	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.11.2020 05:01	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	101	%	70-130	10.11.2020 05:01		
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.11.2020 05:01		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 BH 2
Lab Sample Id: 674627-002

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.95	4.95	mg/kg	10.10.2020 15:48	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.08.2020 20:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	55.0	50.0	mg/kg	10.08.2020 20:40		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.08.2020 20:40	U	1
Total TPH	PHC635	55.0	50.0	mg/kg	10.08.2020 20:40		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	110	%	70-130	10.08.2020 20:40	
o-Terphenyl	84-15-1	120	%	70-130	10.08.2020 20:40	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 BH 2
Lab Sample Id: 674627-002

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139419

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.11.2020 05:22	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.11.2020 05:22	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.11.2020 05:22	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	10.11.2020 05:22	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.11.2020 05:22	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.11.2020 05:22	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.11.2020 05:22	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	96	%	70-130	10.11.2020 05:22		
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.11.2020 05:22		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 3**
 Lab Sample Id: 674627-003

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
 Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.03	5.03	mg/kg	10.10.2020 15:55	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.08.2020 21:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.08.2020 21:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.08.2020 21:00	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.08.2020 21:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-130	10.08.2020 21:00	
o-Terphenyl	84-15-1	99	%	70-130	10.08.2020 21:00	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 3**
 Lab Sample Id: 674627-003

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.12.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139447

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.00519	0.00202	mg/kg	10.12.2020 19:23		1
Toluene	108-88-3	0.0336	0.00202	mg/kg	10.12.2020 19:23		1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.12.2020 19:23	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.12.2020 19:23	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.12.2020 19:23	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.12.2020 19:23	U	1
Total BTEX		0.0388	0.00202	mg/kg	10.12.2020 19:23		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.12.2020 19:23		
4-Bromofluorobenzene	460-00-4	100	%	70-130	10.12.2020 19:23		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 4**
 Lab Sample Id: 674627-004

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
 Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.96	4.96	mg/kg	10.10.2020 16:01	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.08.2020 21:19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.08.2020 21:19	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.08.2020 21:19	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.08.2020 21:19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	10.08.2020 21:19	
o-Terphenyl	84-15-1	101	%	70-130	10.08.2020 21:19	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 4**
 Lab Sample Id: 674627-004

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139419

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.00841	0.00201	mg/kg	10.11.2020 06:03		1
Toluene	108-88-3	0.0234	0.00201	mg/kg	10.11.2020 06:03		1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.11.2020 06:03	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.11.2020 06:03	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.11.2020 06:03	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.11.2020 06:03	U	1
Total BTEX		0.0318	0.00201	mg/kg	10.11.2020 06:03		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.11.2020 06:03		
4-Bromofluorobenzene	460-00-4	98	%	70-130	10.11.2020 06:03		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 BH 5
Lab Sample Id: 674627-005

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	mg/kg	10.10.2020 16:07	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.08.2020 21:38	U	1
Diesel Range Organics (DRO)	C10C28DRO	50.6	49.9	mg/kg	10.08.2020 21:38		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.08.2020 21:38	U	1
Total TPH	PHC635	50.6	49.9	mg/kg	10.08.2020 21:38		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	94	%	70-130	10.08.2020 21:38		
o-Terphenyl	84-15-1	100	%	70-130	10.08.2020 21:38		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 BH 5
Lab Sample Id: 674627-005

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139419

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.00534	0.00200	mg/kg	10.11.2020 06:24		1
Toluene	108-88-3	0.0185	0.00200	mg/kg	10.11.2020 06:24		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.11.2020 06:24	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.11.2020 06:24	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.11.2020 06:24	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.11.2020 06:24	U	1
Total BTEX		0.0238	0.00200	mg/kg	10.11.2020 06:24		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.11.2020 06:24		
4-Bromofluorobenzene	460-00-4	93	%	70-130	10.11.2020 06:24		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 6**
 Lab Sample Id: 674627-006

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
 Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.97	4.97	mg/kg	10.10.2020 16:26	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.08.2020 21:57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.08.2020 21:57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.08.2020 21:57	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.08.2020 21:57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	10.08.2020 21:57	
o-Terphenyl	84-15-1	100	%	70-130	10.08.2020 21:57	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 6**
 Lab Sample Id: 674627-006

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139419

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.00451	0.00202	mg/kg	10.11.2020 06:44		1
Toluene	108-88-3	0.0142	0.00202	mg/kg	10.11.2020 06:44		1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.11.2020 06:44	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	10.11.2020 06:44	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.11.2020 06:44	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.11.2020 06:44	U	1
Total BTEX		0.0187	0.00202	mg/kg	10.11.2020 06:44		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	100	%	70-130	10.11.2020 06:44		
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.11.2020 06:44		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 BH 7
Lab Sample Id: 674627-007

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.02	5.02	mg/kg	10.10.2020 16:33	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.08.2020 22:17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.08.2020 22:17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.08.2020 22:17	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.08.2020 22:17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-130	10.08.2020 22:17	
o-Terphenyl	84-15-1	99	%	70-130	10.08.2020 22:17	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 BH 7
Lab Sample Id: 674627-007

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139419

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.11.2020 07:05	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.11.2020 07:05	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.11.2020 07:05	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.11.2020 07:05	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.11.2020 07:05	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.11.2020 07:05	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.11.2020 07:05	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	80	%	70-130	10.11.2020 07:05		
1,4-Difluorobenzene	540-36-3	93	%	70-130	10.11.2020 07:05		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 8**
 Lab Sample Id: 674627-008

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
 Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.99	4.99	mg/kg	10.10.2020 16:39	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.08.2020 22:36	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.08.2020 22:36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.08.2020 22:36	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.08.2020 22:36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	10.08.2020 22:36	
o-Terphenyl	84-15-1	96	%	70-130	10.08.2020 22:36	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 8**
 Lab Sample Id: 674627-008

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139419

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.11.2020 07:26	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.11.2020 07:26	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.11.2020 07:26	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.11.2020 07:26	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.11.2020 07:26	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.11.2020 07:26	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.11.2020 07:26	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	97	%	70-130	10.11.2020 07:26		
4-Bromofluorobenzene	460-00-4	100	%	70-130	10.11.2020 07:26		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 9**
 Lab Sample Id: 674627-009

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
 Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.04	5.04	mg/kg	10.10.2020 16:46	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.08.2020 22:55	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.08.2020 22:55	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.08.2020 22:55	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.08.2020 22:55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	10.08.2020 22:55	
o-Terphenyl	84-15-1	105	%	70-130	10.08.2020 22:55	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 9**
 Lab Sample Id: 674627-009

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.12.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139447

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.12.2020 19:44	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.12.2020 19:44	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.12.2020 19:44	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.12.2020 19:44	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.12.2020 19:44	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.12.2020 19:44	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.12.2020 19:44	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	66	%	70-130	10.12.2020 19:44	**	
1,4-Difluorobenzene	540-36-3	82	%	70-130	10.12.2020 19:44		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 10**
 Lab Sample Id: 674627-010

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
 Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.97	4.97	mg/kg	10.10.2020 16:52	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.08.2020 23:15	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.08.2020 23:15	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.08.2020 23:15	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.08.2020 23:15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	10.08.2020 23:15	
o-Terphenyl	84-15-1	95	%	70-130	10.08.2020 23:15	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 10**
 Lab Sample Id: 674627-010

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.12.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139447

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.12.2020 20:05	U	1
Toluene	108-88-3	0.00316	0.00200	mg/kg	10.12.2020 20:05		1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.12.2020 20:05	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	10.12.2020 20:05	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.12.2020 20:05	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.12.2020 20:05	U	1
Total BTEX		0.00316	0.00200	mg/kg	10.12.2020 20:05		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	99	%	70-130	10.12.2020 20:05		
4-Bromofluorobenzene	460-00-4	105	%	70-130	10.12.2020 20:05		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 11**
 Lab Sample Id: 674627-011

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
 Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	mg/kg	10.10.2020 16:58	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.08.2020 23:53	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.08.2020 23:53	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.08.2020 23:53	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.08.2020 23:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	10.08.2020 23:53	
o-Terphenyl	84-15-1	104	%	70-130	10.08.2020 23:53	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 11**
 Lab Sample Id: 674627-011

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139419

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.11.2020 09:49	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.11.2020 09:49	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.11.2020 09:49	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.11.2020 09:49	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.11.2020 09:49	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.11.2020 09:49	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.11.2020 09:49	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	92	%	70-130	10.11.2020 09:49		
4-Bromofluorobenzene	460-00-4	85	%	70-130	10.11.2020 09:49		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 12**
 Lab Sample Id: 674627-012

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
 Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.03	5.03	mg/kg	10.10.2020 17:17	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.09.2020 00:12	U	1
Diesel Range Organics (DRO)	C10C28DRO	59.4	50.0	mg/kg	10.09.2020 00:12		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.09.2020 00:12	U	1
Total TPH	PHC635	59.4	50.0	mg/kg	10.09.2020 00:12		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	91	%	70-130	10.09.2020 00:12	
o-Terphenyl	84-15-1	97	%	70-130	10.09.2020 00:12	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 12**
 Lab Sample Id: 674627-012

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139419

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.11.2020 10:10	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.11.2020 10:10	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.11.2020 10:10	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.11.2020 10:10	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.11.2020 10:10	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.11.2020 10:10	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.11.2020 10:10	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	100	%	70-130	10.11.2020 10:10		
4-Bromofluorobenzene	460-00-4	87	%	70-130	10.11.2020 10:10		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 13**
 Lab Sample Id: 674627-013

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
 Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.98	4.98	mg/kg	10.10.2020 17:24	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.09.2020 00:32	U	1
Diesel Range Organics (DRO)	C10C28DRO	62.2	50.0	mg/kg	10.09.2020 00:32		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.09.2020 00:32	U	1
Total TPH	PHC635	62.2	50.0	mg/kg	10.09.2020 00:32		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	10.09.2020 00:32	
o-Terphenyl	84-15-1	107	%	70-130	10.09.2020 00:32	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 13**
 Lab Sample Id: 674627-013

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139419

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.00591	0.00202	mg/kg	10.11.2020 10:31		1
Toluene	108-88-3	0.0139	0.00202	mg/kg	10.11.2020 10:31		1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.11.2020 10:31	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.11.2020 10:31	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.11.2020 10:31	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.11.2020 10:31	U	1
Total BTEX		0.0198	0.00202	mg/kg	10.11.2020 10:31		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	95	%	70-130	10.11.2020 10:31		
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.11.2020 10:31		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 14**
 Lab Sample Id: 674627-014

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
 Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	mg/kg	10.10.2020 17:43	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.09.2020 00:51	U	1
Diesel Range Organics (DRO)	C10C28DRO	65.2	50.0	mg/kg	10.09.2020 00:51		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.09.2020 00:51	U	1
Total TPH	PHC635	65.2	50.0	mg/kg	10.09.2020 00:51		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	10.09.2020 00:51	
o-Terphenyl	84-15-1	102	%	70-130	10.09.2020 00:51	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 14**
 Lab Sample Id: 674627-014

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139419

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.11.2020 10:52	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.11.2020 10:52	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.11.2020 10:52	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.11.2020 10:52	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.11.2020 10:52	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.11.2020 10:52	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.11.2020 10:52	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	95	%	70-130	10.11.2020 10:52		
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.11.2020 10:52		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 15**
 Lab Sample Id: 674627-015

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
 Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.03	5.03	mg/kg	10.10.2020 17:49	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.09.2020 01:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.09.2020 01:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.09.2020 01:10	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.09.2020 01:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	10.09.2020 01:10	
o-Terphenyl	84-15-1	97	%	70-130	10.09.2020 01:10	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 15**
 Lab Sample Id: 674627-015

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 10:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139419

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.11.2020 11:12	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.11.2020 11:12	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.11.2020 11:12	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.11.2020 11:12	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.11.2020 11:12	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.11.2020 11:12	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.11.2020 11:12	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	87	%	70-130	10.11.2020 11:12		
1,4-Difluorobenzene	540-36-3	91	%	70-130	10.11.2020 11:12		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 16**
 Lab Sample Id: 674627-016

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
 Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.98	4.98	mg/kg	10.10.2020 17:55	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.09.2020 01:30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.09.2020 01:30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.09.2020 01:30	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.09.2020 01:30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	10.09.2020 01:30	
o-Terphenyl	84-15-1	104	%	70-130	10.09.2020 01:30	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: **2 BH 16**
 Lab Sample Id: 674627-016

Matrix: Soil
 Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.12.2020 09:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3139447

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.12.2020 20:25	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.12.2020 20:25	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.12.2020 20:25	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.12.2020 20:25	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.12.2020 20:25	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.12.2020 20:25	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.12.2020 20:25	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	108	%	70-130	10.12.2020 20:25		
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.12.2020 20:25		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 SW 1
Lab Sample Id: 674627-017

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	mg/kg	10.10.2020 18:02	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.09.2020 01:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	148	49.9	mg/kg	10.09.2020 01:49		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	51.4	49.9	mg/kg	10.09.2020 01:49		1
Total TPH	PHC635	199	49.9	mg/kg	10.09.2020 01:49		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	110	%	70-130	10.09.2020 01:49		
o-Terphenyl	84-15-1	126	%	70-130	10.09.2020 01:49		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 SW 1
Lab Sample Id: 674627-017

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139419

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.11.2020 11:54	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.11.2020 11:54	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.11.2020 11:54	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.11.2020 11:54	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.11.2020 11:54	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.11.2020 11:54	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.11.2020 11:54	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	103	%	70-130	10.11.2020 11:54		
4-Bromofluorobenzene	460-00-4	109	%	70-130	10.11.2020 11:54		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 SW 2
Lab Sample Id: 674627-018

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	mg/kg	10.10.2020 18:08	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.09.2020 02:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.09.2020 02:08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.09.2020 02:08	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.09.2020 02:08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	108	%	70-130	10.09.2020 02:08	
o-Terphenyl	84-15-1	118	%	70-130	10.09.2020 02:08	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 SW 2
Lab Sample Id: 674627-018

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.10.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139419

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	0.00398	0.00200	mg/kg	10.11.2020 12:14		1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.11.2020 12:14	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.11.2020 12:14	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.11.2020 12:14	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.11.2020 12:14	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.11.2020 12:14	U	1
Total BTEX		0.00398	0.00200	mg/kg	10.11.2020 12:14		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	105	%	70-130	10.11.2020 12:14		
4-Bromofluorobenzene	460-00-4	105	%	70-130	10.11.2020 12:14		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 SW 3
Lab Sample Id: 674627-019

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.05	5.05	mg/kg	10.10.2020 18:14	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.09.2020 02:28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.09.2020 02:28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.09.2020 02:28	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.09.2020 02:28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	111	%	70-130	10.09.2020 02:28	
o-Terphenyl	84-15-1	120	%	70-130	10.09.2020 02:28	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 SW 3
Lab Sample Id: 674627-019

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.12.2020 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139447

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.12.2020 20:46	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.12.2020 20:46	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.12.2020 20:46	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.12.2020 20:46	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.12.2020 20:46	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.12.2020 20:46	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.12.2020 20:46	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.12.2020 20:46		
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.12.2020 20:46		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 SW 4
Lab Sample Id: 674627-020

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

Analyst: SPC

Date Prep: 10.09.2020 15:05

% Moisture:
Basis: Wet Weight

Seq Number: 3139410

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.99	4.99	mg/kg	10.10.2020 18:21	U	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 13:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139279

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.09.2020 02:47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.09.2020 02:47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.09.2020 02:47	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.09.2020 02:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	10.09.2020 02:47	
o-Terphenyl	84-15-1	112	%	70-130	10.09.2020 02:47	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 SW 4
Lab Sample Id: 674627-020

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.12.2020 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139447

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.12.2020 21:07	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.12.2020 21:07	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.12.2020 21:07	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.12.2020 21:07	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.12.2020 21:07	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.12.2020 21:07	U	1
Total BTEX		<0.00201	0.00201	mg/kg	10.12.2020 21:07	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	96	%	70-130	10.12.2020 21:07		
1,4-Difluorobenzene	540-36-3	96	%	70-130	10.12.2020 21:07		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 SW 5
Lab Sample Id: 674627-021

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.09.2020 19:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139420

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	7.15	4.97	mg/kg	10.10.2020 06:53		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 16:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139281

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.09.2020 05:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.09.2020 05:40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.09.2020 05:40	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.09.2020 05:40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	108	%	70-130	10.09.2020 05:40	
o-Terphenyl	84-15-1	114	%	70-130	10.09.2020 05:40	



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 SW 5
Lab Sample Id: 674627-021

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.12.2020 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139447

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.12.2020 15:32	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.12.2020 15:32	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.12.2020 15:32	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.12.2020 15:32	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.12.2020 15:32	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.12.2020 15:32	U	1
Total BTEX		<0.00199	0.00199	mg/kg	10.12.2020 15:32	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	76	%	70-130	10.12.2020 15:32		
1,4-Difluorobenzene	540-36-3	88	%	70-130	10.12.2020 15:32		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 SW 6
Lab Sample Id: 674627-022

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.09.2020 19:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139420

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.37	5.00	mg/kg	10.10.2020 06:58		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 16:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139281

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.09.2020 06:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.09.2020 06:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.09.2020 06:00	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.09.2020 06:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	127	%	70-130	10.09.2020 06:00	
o-Terphenyl	84-15-1	141	%	70-130	10.09.2020 06:00	**



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 SW 6
Lab Sample Id: 674627-022

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.12.2020 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139447

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.12.2020 15:53	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.12.2020 15:53	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.12.2020 15:53	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	10.12.2020 15:53	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.12.2020 15:53	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.12.2020 15:53	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.12.2020 15:53	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	113	%	70-130	10.12.2020 15:53		
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.12.2020 15:53		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 SW 7
Lab Sample Id: 674627-023

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.09.2020 19:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139420

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.19	5.03	mg/kg	10.10.2020 07:14		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 16:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139281

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.09.2020 06:19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.09.2020 06:19	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.09.2020 06:19	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.09.2020 06:19	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	116	%	70-130	10.09.2020 06:19		
o-Terphenyl	84-15-1	127	%	70-130	10.09.2020 06:19		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 SW 7
Lab Sample Id: 674627-023

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.12.2020 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139447

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.12.2020 16:14	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.12.2020 16:14	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.12.2020 16:14	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.12.2020 16:14	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.12.2020 16:14	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.12.2020 16:14	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.12.2020 16:14	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	98	%	70-130	10.12.2020 16:14		
4-Bromofluorobenzene	460-00-4	114	%	70-130	10.12.2020 16:14		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 SW 8
Lab Sample Id: 674627-024

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.09.2020 19:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139420

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	7.73	5.02	mg/kg	10.10.2020 07:19		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.08.2020 16:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139281

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.09.2020 06:38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.09.2020 06:38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.09.2020 06:38	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.09.2020 06:38	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	106	%	70-130	10.09.2020 06:38		
o-Terphenyl	84-15-1	115	%	70-130	10.09.2020 06:38		



Certificate of Analytical Results 674627

Hungry Horse LLC, Hobbs, NM

DCP

Sample Id: 2 SW 8
Lab Sample Id: 674627-024

Matrix: Soil
Date Collected: 10.07.2020 00:00

Date Received: 10.08.2020 11:40

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.12.2020 09:00

% Moisture:
Basis: Wet Weight

Seq Number: 3139447

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.12.2020 16:35	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.12.2020 16:35	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.12.2020 16:35	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	10.12.2020 16:35	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.12.2020 16:35	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.12.2020 16:35	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.12.2020 16:35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	101	%	70-130	10.12.2020 16:35	
4-Bromofluorobenzene	460-00-4	117	%	70-130	10.12.2020 16:35	

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation



Hungry Horse LLC DCP

Analytical Method: Chloride by EPA 300

Seq Number: 3139410

MB Sample Id: 7712996-1-BLK

Matrix: Solid

LCS Sample Id: 7712996-1-BKS

Prep Method: E300P

Date Prep: 10.09.2020

LCSD Sample Id: 7712996-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	271	108	271	108	90-110	0	20	mg/kg	10.10.2020 15:17	

Analytical Method: Chloride by EPA 300

Seq Number: 3139420

MB Sample Id: 7713011-1-BLK

Matrix: Solid

LCS Sample Id: 7713011-1-BKS

Prep Method: E300P

Date Prep: 10.09.2020

LCSD Sample Id: 7713011-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	274	110	274	110	90-110	0	20	mg/kg	10.10.2020 05:34	

Analytical Method: Chloride by EPA 300

Seq Number: 3139410

Parent Sample Id: 674627-001

Matrix: Soil

MS Sample Id: 674627-001 S

Prep Method: E300P

Date Prep: 10.09.2020

MSD Sample Id: 674627-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.04	252	262	104	262	104	90-110	0	20	mg/kg	10.10.2020 15:36	

Analytical Method: Chloride by EPA 300

Seq Number: 3139410

Parent Sample Id: 674627-011

Matrix: Soil

MS Sample Id: 674627-011 S

Prep Method: E300P

Date Prep: 10.09.2020

MSD Sample Id: 674627-011 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	264	106	264	106	90-110	0	20	mg/kg	10.10.2020 17:05	

Analytical Method: Chloride by EPA 300

Seq Number: 3139420

Parent Sample Id: 674627-022

Matrix: Soil

MS Sample Id: 674627-022 S

Prep Method: E300P

Date Prep: 10.09.2020

MSD Sample Id: 674627-022 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	8.37	250	270	105	271	105	90-110	0	20	mg/kg	10.10.2020 07:04	

Analytical Method: Chloride by EPA 300

Seq Number: 3139420

Parent Sample Id: 674810-061

Matrix: Soil

MS Sample Id: 674810-061 S

Prep Method: E300P

Date Prep: 10.09.2020

MSD Sample Id: 674810-061 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	194	251	452	103	453	103	90-110	0	20	mg/kg	10.10.2020 05:50	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Hungry Horse LLC DCP

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139279

MB Sample Id: 7712937-1-BLK

Matrix: Solid

LCS Sample Id: 7712937-1-BKS

Prep Method: SW8015P

Date Prep: 10.08.2020

LCSD Sample Id: 7712937-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	977	98	1000	100	70-130	2	20	mg/kg	10.08.2020 19:04	
Diesel Range Organics (DRO)	<50.0	1000	1020	102	1050	105	70-130	3	20	mg/kg	10.08.2020 19:04	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	113		113		122		70-130	%	10.08.2020 19:04
o-Terphenyl	129		114		118		70-130	%	10.08.2020 19:04

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139281

MB Sample Id: 7712939-1-BLK

Matrix: Solid

LCS Sample Id: 7712939-1-BKS

Prep Method: SW8015P

Date Prep: 10.08.2020

LCSD Sample Id: 7712939-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	1030	103	1030	103	70-130	0	20	mg/kg	10.09.2020 08:07	
Diesel Range Organics (DRO)	<50.0	1000	1070	107	1020	102	70-130	5	20	mg/kg	10.09.2020 08:07	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	108		118		116		70-130	%	10.09.2020 08:07
o-Terphenyl	122		120		120		70-130	%	10.09.2020 08:07

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139279

Matrix: Solid

MB Sample Id: 7712937-1-BLK

Prep Method: SW8015P

Date Prep: 10.08.2020

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.08.2020 18:45	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139281

Matrix: Solid

MB Sample Id: 7712939-1-BLK

Prep Method: SW8015P

Date Prep: 10.08.2020

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.09.2020 03:25	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Hungry Horse LLC DCP

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139279

Matrix: Soil

Prep Method: SW8015P

Date Prep: 10.08.2020

Parent Sample Id: 674627-001

MS Sample Id: 674627-001 S

MSD Sample Id: 674627-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	1060	106	1010	101	70-130	5	20	mg/kg	10.08.2020 20:02	
Diesel Range Organics (DRO)	60.0	997	1120	106	1070	101	70-130	5	20	mg/kg	10.08.2020 20:02	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	118		129		70-130	%	10.08.2020 20:02
o-Terphenyl	130		130		70-130	%	10.08.2020 20:02

Analytical Method: TPH By SW8015 Mod

Seq Number: 3139281

Matrix: Soil

Prep Method: SW8015P

Date Prep: 10.08.2020

Parent Sample Id: 674626-061

MS Sample Id: 674626-061 S

MSD Sample Id: 674626-061 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	969	97	997	100	70-130	3	20	mg/kg	10.09.2020 04:42	
Diesel Range Organics (DRO)	129	997	985	86	1030	90	70-130	4	20	mg/kg	10.09.2020 04:42	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	127		124		70-130	%	10.09.2020 04:42
o-Terphenyl	128		126		70-130	%	10.09.2020 04:42

Analytical Method: BTEX by EPA 8021B

Seq Number: 3139419

Matrix: Solid

Prep Method: SW5035A

Date Prep: 10.10.2020

MB Sample Id: 7713037-1-BLK

LCS Sample Id: 7713037-1-BKS

LCSD Sample Id: 7713037-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0894	89	0.0830	83	70-130	7	35	mg/kg	10.11.2020 02:31	
Toluene	<0.00200	0.100	0.0926	93	0.0857	86	70-130	8	35	mg/kg	10.11.2020 02:31	
Ethylbenzene	<0.00200	0.100	0.0907	91	0.0857	86	70-130	6	35	mg/kg	10.11.2020 02:31	
m,p-Xylenes	<0.00400	0.200	0.193	97	0.181	91	70-130	6	35	mg/kg	10.11.2020 02:31	
o-Xylene	<0.00200	0.100	0.0943	94	0.0875	88	70-130	7	35	mg/kg	10.11.2020 02:31	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	89		101		100		70-130	%	10.11.2020 02:31
4-Bromofluorobenzene	88		95		100		70-130	%	10.11.2020 02:31

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Hungry Horse LLC DCP

Analytical Method: BTEX by EPA 8021B

Seq Number: 3139447

Matrix: Solid

Prep Method: SW5035A

Date Prep: 10.12.2020

MB Sample Id: 7713081-1-BLK

LCS Sample Id: 7713081-1-BKS

LCSD Sample Id: 7713081-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0864	86	0.0910	91	70-130	5	35	mg/kg	10.12.2020 09:39	
Toluene	<0.00200	0.100	0.0872	87	0.0924	92	70-130	6	35	mg/kg	10.12.2020 09:39	
Ethylbenzene	<0.00200	0.100	0.0849	85	0.0893	89	70-130	5	35	mg/kg	10.12.2020 09:39	
m,p-Xylenes	<0.00400	0.200	0.178	89	0.190	95	70-130	7	35	mg/kg	10.12.2020 09:39	
o-Xylene	<0.00200	0.100	0.0883	88	0.0919	92	70-130	4	35	mg/kg	10.12.2020 09:39	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	90		101		98		70-130	%	10.12.2020 09:39
4-Bromofluorobenzene	85		96		98		70-130	%	10.12.2020 09:39

Analytical Method: BTEX by EPA 8021B

Seq Number: 3139419

Matrix: Soil

Prep Method: SW5035A

Date Prep: 10.10.2020

Parent Sample Id: 674627-001

MS Sample Id: 674627-001 S

MSD Sample Id: 674627-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.00984	10	0.0324	32	70-130	107	35	mg/kg	10.11.2020 03:12	XF
Toluene	<0.00200	0.100	0.00717	7	0.0403	40	70-130	140	35	mg/kg	10.11.2020 03:12	XF
Ethylbenzene	<0.00200	0.100	0.00364	4	0.0350	35	70-130	162	35	mg/kg	10.11.2020 03:12	XF
m,p-Xylenes	<0.00401	0.200	0.00497	2	0.0741	37	70-130	175	35	mg/kg	10.11.2020 03:12	XF
o-Xylene	<0.00200	0.100	0.00355	4	0.0363	36	70-130	164	35	mg/kg	10.11.2020 03:12	XF

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	98		96		70-130	%	10.11.2020 03:12
4-Bromofluorobenzene	96		100		70-130	%	10.11.2020 03:12

Analytical Method: BTEX by EPA 8021B

Seq Number: 3139447

Matrix: Soil

Prep Method: SW5035A

Date Prep: 10.12.2020

Parent Sample Id: 674626-061

MS Sample Id: 674626-061 S

MSD Sample Id: 674626-061 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00201	0.101	0.0267	26	0.0241	24	70-130	10	35	mg/kg	10.12.2020 10:20	X
Toluene	<0.00201	0.101	0.0408	40	0.0335	34	70-130	20	35	mg/kg	10.12.2020 10:20	X
Ethylbenzene	<0.00201	0.101	0.0298	30	0.0252	25	70-130	17	35	mg/kg	10.12.2020 10:20	X
m,p-Xylenes	<0.00402	0.201	0.0784	39	0.0591	30	70-130	28	35	mg/kg	10.12.2020 10:20	X
o-Xylene	<0.00201	0.101	0.0475	47	0.0394	40	70-130	19	35	mg/kg	10.12.2020 10:20	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	96		102		70-130	%	10.12.2020 10:20
4-Bromofluorobenzene	97		105		70-130	%	10.12.2020 10:20

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
Midland, TX (432) 704-5440, El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 382-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 555-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
Atlanta, GA (770) 449-8800

Work Order No:

67467

www.xenco.com Page 1 of 2

Project Manager:	Daniel Dominguez	Bill to: (if different)	
Company Name:	Hungry Horse	Company Name:	
Address:	P.O. Box 1058	Address:	
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	
Phone:	575 393-3386	Email:	pm@hungry-horse.com

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

Project Name:		DCP		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:				☒ Routine ☐ Rush													None: NO	DI Water: H ₂ O	
Project Location		N-Line Leak															Cool: Cool	MeOH: Me	
Sampler's Name:		Ashton Rich															HCL: HC	HNO ₃ : HN	
PO #:						TAT starts the day received by the lab, if received by 4:30pm											H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:		Yes ☒ No ☐		Wet Ice: Yes ☒ No ☐												H ₃ PO ₄ : HP	
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:		8.3										Zn Acetate+NaOH: Zn	
Total Containers:						Corrected Temperature:		2.1										NaOH+Ascorbic Acid: SAPC	
Parameters																			

[illegible]

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 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 Xenoco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 previously beyond the control of Xenoco. A minimum charge of \$5.00 will be applied to each project and a charge of \$5 for each sample submitted to 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
1. <i>Joel Henry</i>	<i>Teresa Hernandez</i>	10/07/20	2. <i>Teresa Hernandez</i>	<i>Sharon</i>	10/20/20
3			4		1140
5			6		



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
 Midland, TX (432) 704-5440, El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
 Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 889-6701
 Atlanta, GA (770) 449-8800

Work Order No:

674627

www.xenco.com

Page 2 of 3

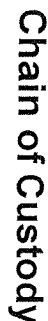
Project Manager:	Daniel Dominguez	Bill to: (if different)	
Company Name:	Hungry Horse	Company Name:	
Address:	P.O. Box 1058	Address:	
City, State ZIP:	Hobbs, NM 88241	City, State ZIP:	
Phone:	575 393-3386	Email:	pm@hungry-horse.com

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

Project Name:	DCP	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST																Preservative Codes		
Project Number:																						None: NO DI Water: H ₂ O		
Project Location:	N-Line Leak	Due Date:																				Cool: Cool MeOH: Me		
Sampler's Name:	Ashton Rich	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	
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:																			NaOH+Ascorbic Acid: SAPC		
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters																Sample Comments	
2 BH 11		10/7/2020					Chlorides																	
2 BH 12		10/7/2020					TPH																	
2 BH 13		10/7/2020					BTEX																	
2 BH 14		10/7/2020																						
2 BH 15		10/7/2020																						
2 BH 16		10/7/2020																						

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														
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to 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>	10/07/20	<i>[Signature]</i>	<i>[Signature]</i>	10/08/20
5			6		1140



Work Order No: 674627

Atlanta, GA (770) 449-8800

of

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ upfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other:

[illegible]

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
2 SN 1		10/1/20					
2 SN 2							
2 SN 3							
2 SN 4							
2 SN 5							
2 SN 6							
2 SN 7							
2 SN 8							

Circle Method(s) and Metal(s) to be analyzed	200.7 / 6010	200.8 / 6020:
8RCRA 13PPM	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	
TCPL/SPL 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 Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to 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>	10/6/7	<i>[Signature]</i>	<i>[Signature]</i>	10/9/30
					11/4/

ORIGIN ID: H0BA (5/01 394-1000)
MAIL SERVICES ETC
4008 N GRIMES
HOBBS, NM 88240
UNITED STATES US

SHIP DATE: 07OCT20
ACTWGT: 48.00 LB MAN
CAD: 0103352/CAFE3313
DIMS: 27x15x15 IN
BILL SENDER

TO XENCO HOLD FOR PICKUP
FEDEX EXPRESS SHIP CENTER
FEDEX EXPRESS SHIP CENTER
3600 COUNTY ROAD 1276 SOUTH
MIDLAND TX 79711
(432) 704-5440
INV: PO: REF: DEPT:

565C2/A27E/05A2
AM HT 40 BB
15697-405 BND EXP 09/21

FedEx Express
E
J191219082801us

2 of 2
MPS# 0263 9061 5135 1028
Mstr# 9061 5135 1017
0201

THU - 08 OCT HOLD
PRIORITY OVERNIGHT
HLD
MAFA
TX-US LBB

41 MAFA

15148-434 RT EXP 07/21

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Hungry Horse LLC

Date/ Time Received: 10.08.2020 11.40.00 AM

Work Order #: 674627

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR-8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	2.7
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	N/A
#5 Custody Seals intact on sample bottles?	N/A
#6 *Custody Seals Signed and dated?	N/A
#7 *Chain of Custody present?	Yes
#8 Any missing/extra samples?	Yes
#9 Chain of Custody signed when relinquished/ received?	Yes
#10 Chain of Custody agrees with sample labels/matrix?	Yes
#11 Container label(s) legible and intact?	Yes
#12 Samples in proper container/ bottle?	Yes BTEX was in bulk container
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	N/A
#18 Water VOC samples have zero headspace?	N/A

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by:



Brianna Teel

Date: 10.08.2020

Checklist reviewed by:



Holly Taylor

Date: 10.08.2020

Certificate of Analysis Summary 676069

Hungry Horse LLC, Hobbs, NM

Project Name: DCP-N-Line

Project Id:

Contact: Daniel Dominquez

Project Location: N-Line Leak

Date Received in Lab: Mon 10.26.2020 09:45

Report Date: 10.30.2020 14:38

Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	676069-001	676069-002	676069-003	676069-004		
	<i>Field Id:</i>	2 SW1-B	1 BH 40-B	1 SW4-B	1 SW9-B		
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL		
	<i>Sampled:</i>	10.23.2020 00:00	10.23.2020 00:00	10.23.2020 00:00	10.23.2020 00:00		
BTEX by EPA 8021B	<i>Extracted:</i>	10.29.2020 17:00	10.29.2020 17:00	10.29.2020 17:00	10.27.2020 10:00		
	<i>Analyzed:</i>	10.30.2020 02:32	10.30.2020 02:53	10.30.2020 03:14	10.27.2020 20:29		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Benzene		<0.00202 0.00202	<0.00202 0.00202	<0.00198 0.00198	<0.00200 0.00200		
Toluene		<0.00202 0.00202	<0.00202 0.00202	<0.00198 0.00198	<0.00200 0.00200		
Ethylbenzene		<0.00202 0.00202	<0.00202 0.00202	<0.00198 0.00198	<0.00200 0.00200		
m,p-Xylenes		<0.00403 0.00403	<0.00404 0.00404	<0.00396 0.00396	<0.00399 0.00399		
o-Xylene		<0.00202 0.00202	<0.00202 0.00202	<0.00198 0.00198	<0.00200 0.00200		
Total Xylenes		<0.00202 0.00202	<0.00202 0.00202	<0.00198 0.00198	<0.00200 0.00200		
Total BTEX		<0.00202 0.00202	<0.00202 0.00202	<0.00198 0.00198	<0.00200 0.00200		
Chloride by EPA 300	<i>Extracted:</i>	10.27.2020 14:25	10.27.2020 14:25	10.27.2020 14:25	10.27.2020 14:25		
	<i>Analyzed:</i>	10.28.2020 02:38	10.28.2020 02:43	10.28.2020 02:48	10.28.2020 02:54		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Chloride		12.2 5.00	11.6 5.00	13.4 4.98	13.4 4.97		
TPH By SW8015 Mod	<i>Extracted:</i>	10.26.2020 11:00	10.26.2020 11:00	10.26.2020 11:00	10.26.2020 11:00		
	<i>Analyzed:</i>	10.26.2020 17:14	10.26.2020 17:32	10.26.2020 17:51	10.26.2020 18:10		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8		
Diesel Range Organics (DRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8		
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8		
Total TPH		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8		

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Analytical Report 676069

for

Hungry Horse LLC

Project Manager: Daniel Dominquez

DCP-N-Line

10.30.2020

Collected By: Client



**1211 W. Florida Ave
Midland TX 79701**

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNi02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)



10.30.2020

Project Manager: **Daniel Dominquez**

Hungry Horse LLC

P. O. Box 1058

Hobbs, NM 88241

Reference: Eurofins Xenco, LLC Report No(s): **676069**

DCP-N-Line

Project Address: N-Line Leak

Daniel Dominquez:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 676069. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 676069 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

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

Holly Taylor
Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

**Sample Cross Reference 676069****Hungry Horse LLC, Hobbs, NM**

DCP-N-Line

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
2 SW1-B	S	10.23.2020 00:00		676069-001
1 BH 40-B	S	10.23.2020 00:00		676069-002
1 SW4-B	S	10.23.2020 00:00		676069-003
1 SW9-B	S	10.23.2020 00:00		676069-004



CASE NARRATIVE

Client Name: Hungry Horse LLC

Project Name: DCP-N-Line

Project ID:
Work Order Number(s): 676069

Report Date: 10.30.2020
Date Received: 10.26.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3140743 BTEX by EPA 8021B

Surrogate 4-Bromofluorobenzene recovered below QC limits. Matrix interferences is suspected.

Samples affected are: 676069-004.

Batch: LBA-3140974 BTEX by EPA 8021B

Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected.

Samples affected are: 676069-001.



Certificate of Analytical Results 676069

Hungry Horse LLC, Hobbs, NM DCP-N-Line

Sample Id: 2 SW1-B
Lab Sample Id: 676069-001

Matrix: Soil
Date Collected: 10.23.2020 00:00

Date Received: 10.26.2020 09:45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.27.2020 14:25

% Moisture:
Basis: Wet Weight

Seq Number: 3140774

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	12.2	5.00	mg/kg	10.28.2020 02:38		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.26.2020 11:00

% Moisture:
Basis: Wet Weight

Seq Number: 3140675

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.26.2020 17:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.26.2020 17:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.26.2020 17:14	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.26.2020 17:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	88	%	70-130	10.26.2020 17:14	
o-Terphenyl	84-15-1	96	%	70-130	10.26.2020 17:14	



Certificate of Analytical Results 676069

Hungry Horse LLC, Hobbs, NM

DCP-N-Line

Sample Id: 2 SW1-B
Lab Sample Id: 676069-001

Matrix: Soil
Date Collected: 10.23.2020 00:00

Date Received: 10.26.2020 09:45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.29.2020 17:00

% Moisture:
Basis: Wet Weight

Seq Number: 3140974

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.30.2020 02:32	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.30.2020 02:32	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.30.2020 02:32	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	10.30.2020 02:32	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.30.2020 02:32	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.30.2020 02:32	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.30.2020 02:32	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	131	%	70-130	10.30.2020 02:32	**	
1,4-Difluorobenzene	540-36-3	82	%	70-130	10.30.2020 02:32		



Certificate of Analytical Results 676069

Hungry Horse LLC, Hobbs, NM

DCP-N-Line

Sample Id: **1 BH 40-B**

Matrix: Soil

Date Received: 10.26.2020 09:45

Lab Sample Id: 676069-002

Date Collected: 10.23.2020 00:00

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.27.2020 14:25

% Moisture:

Seq Number: 3140774

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.6	5.00	mg/kg	10.28.2020 02:43		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.26.2020 11:00

% Moisture:

Seq Number: 3140675

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.26.2020 17:32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.26.2020 17:32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.26.2020 17:32	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.26.2020 17:32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-130	10.26.2020 17:32	
o-Terphenyl	84-15-1	94	%	70-130	10.26.2020 17:32	



Certificate of Analytical Results 676069

Hungry Horse LLC, Hobbs, NM

DCP-N-Line

Sample Id: **1 BH 40-B**

Matrix: Soil

Date Received: 10.26.2020 09:45

Lab Sample Id: 676069-002

Date Collected: 10.23.2020 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.29.2020 17:00

% Moisture:

Seq Number: 3140974

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	10.30.2020 02:53	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	10.30.2020 02:53	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	10.30.2020 02:53	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	10.30.2020 02:53	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	10.30.2020 02:53	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	10.30.2020 02:53	U	1
Total BTEX		<0.00202	0.00202	mg/kg	10.30.2020 02:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	94	%	70-130	10.30.2020 02:53	
1,4-Difluorobenzene	540-36-3	91	%	70-130	10.30.2020 02:53	



Certificate of Analytical Results 676069

Hungry Horse LLC, Hobbs, NM DCP-N-Line

Sample Id: **1 SW4-B**
Lab Sample Id: 676069-003

Matrix: Soil
Date Collected: 10.23.2020 00:00

Date Received: 10.26.2020 09:45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.27.2020 14:25

% Moisture:
Basis: Wet Weight

Seq Number: 3140774

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	13.4	4.98	mg/kg	10.28.2020 02:48		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.26.2020 11:00

% Moisture:
Basis: Wet Weight

Seq Number: 3140675

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.26.2020 17:51	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.26.2020 17:51	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.26.2020 17:51	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.26.2020 17:51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	10.26.2020 17:51	
o-Terphenyl	84-15-1	104	%	70-130	10.26.2020 17:51	



Certificate of Analytical Results 676069

Hungry Horse LLC, Hobbs, NM

DCP-N-Line

Sample Id: **1 SW4-B**
 Lab Sample Id: 676069-003

Matrix: Soil
 Date Collected: 10.23.2020 00:00

Date Received: 10.26.2020 09:45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 10.29.2020 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3140974

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	10.30.2020 03:14	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	10.30.2020 03:14	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	10.30.2020 03:14	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	10.30.2020 03:14	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	10.30.2020 03:14	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	10.30.2020 03:14	U	1
Total BTEX		<0.00198	0.00198	mg/kg	10.30.2020 03:14	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.30.2020 03:14		
1,4-Difluorobenzene	540-36-3	85	%	70-130	10.30.2020 03:14		



Certificate of Analytical Results 676069

Hungry Horse LLC, Hobbs, NM

DCP-N-Line

Sample Id: **1 SW9-B**
 Lab Sample Id: 676069-004

Matrix: Soil
 Date Collected: 10.23.2020 00:00

Date Received: 10.26.2020 09:45

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: SPC

Analyst: SPC

Date Prep: 10.27.2020 14:25

% Moisture:
 Basis: Wet Weight

Seq Number: 3140774

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	13.4	4.97	mg/kg	10.28.2020 02:54		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 10.26.2020 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3140675

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.26.2020 18:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.26.2020 18:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.26.2020 18:10	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.26.2020 18:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	10.26.2020 18:10	
o-Terphenyl	84-15-1	97	%	70-130	10.26.2020 18:10	



Certificate of Analytical Results 676069

Hungry Horse LLC, Hobbs, NM

DCP-N-Line

Sample Id: **1 SW9-B**
Lab Sample Id: 676069-004

Matrix: Soil
Date Collected: 10.23.2020 00:00

Date Received: 10.26.2020 09:45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: ALJ

Analyst: KTL

Date Prep: 10.27.2020 10:00

% Moisture:
Basis: Wet Weight

Seq Number: 3140743

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	10.27.2020 20:29	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	10.27.2020 20:29	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	10.27.2020 20:29	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	10.27.2020 20:29	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	10.27.2020 20:29	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	10.27.2020 20:29	U	1
Total BTEX		<0.00200	0.00200	mg/kg	10.27.2020 20:29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	52	%	70-130	10.27.2020 20:29	**
1,4-Difluorobenzene	540-36-3	109	%	70-130	10.27.2020 20:29	

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation



Hungry Horse LLC

DCP-N-Line

Analytical Method: Chloride by EPA 300

Seq Number: 3140774

MB Sample Id: 7714039-1-BLK

Matrix: Solid

LCS Sample Id: 7714039-1-BKS

Prep Method: E300P

Date Prep: 10.27.2020

LCSD Sample Id: 7714039-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	271	108	274	110	90-110	1	20	mg/kg	10.28.2020 01:35	

Analytical Method: Chloride by EPA 300

Seq Number: 3140774

Parent Sample Id: 676066-004

Matrix: Soil

MS Sample Id: 676066-004 S

Prep Method: E300P

Date Prep: 10.27.2020

MSD Sample Id: 676066-004 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	23.7	249	305	113	302	112	90-110	1	20	mg/kg	10.28.2020 01:50	X

Analytical Method: Chloride by EPA 300

Seq Number: 3140774

Parent Sample Id: 676070-001

Matrix: Soil

MS Sample Id: 676070-001 S

Prep Method: E300P

Date Prep: 10.27.2020

MSD Sample Id: 676070-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	19.8	250	303	113	306	114	90-110	1	20	mg/kg	10.28.2020 03:04	X

Analytical Method: TPH By SW8015 Mod

Seq Number: 3140675

MB Sample Id: 7713951-1-BLK

Matrix: Solid

LCS Sample Id: 7713951-1-BKS

Prep Method: SW8015P

Date Prep: 10.26.2020

LCSD Sample Id: 7713951-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	821	82	829	83	70-130	1	20	mg/kg	10.26.2020 10:35	
Diesel Range Organics (DRO)	<50.0	1000	836	84	859	86	70-130	3	20	mg/kg	10.26.2020 10:35	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	84		111		103		70-130	%	10.26.2020 10:35
o-Terphenyl	94		112		110		70-130	%	10.26.2020 10:35

Analytical Method: TPH By SW8015 Mod

Seq Number: 3140675

Matrix: Solid

MB Sample Id: 7713951-1-BLK

Prep Method: SW8015P

Date Prep: 10.26.2020

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.26.2020 10:15	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Hungry Horse LLC DCP-N-Line

Analytical Method: TPH By SW8015 Mod

Seq Number: 3140675

Parent Sample Id: 676070-001

Matrix: Soil

MS Sample Id: 676070-001 S

Prep Method: SW8015P

Date Prep: 10.26.2020

MSD Sample Id: 676070-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	865	87	896	90	70-130	4	20	mg/kg	10.26.2020 11:33	
Diesel Range Organics (DRO)	<49.9	997	929	93	957	96	70-130	3	20	mg/kg	10.26.2020 11:33	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	102		105		70-130	%	10.26.2020 11:33
o-Terphenyl	99		108		70-130	%	10.26.2020 11:33

Analytical Method: BTEX by EPA 8021B

Seq Number: 3140743

MB Sample Id: 7714045-1-BLK

Matrix: Solid

LCS Sample Id: 7714045-1-BKS

Prep Method: SW5035A

Date Prep: 10.27.2020

LCSD Sample Id: 7714045-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0926	93	0.0920	92	70-130	1	35	mg/kg	10.27.2020 12:06	
Toluene	<0.00200	0.100	0.0973	97	0.0956	96	70-130	2	35	mg/kg	10.27.2020 12:06	
Ethylbenzene	<0.00200	0.100	0.111	111	0.110	110	70-130	1	35	mg/kg	10.27.2020 12:06	
m,p-Xylenes	<0.00400	0.200	0.201	101	0.200	100	70-130	0	35	mg/kg	10.27.2020 12:06	
o-Xylene	<0.00200	0.100	0.104	104	0.103	103	70-130	1	35	mg/kg	10.27.2020 12:06	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	90		100		103		70-130	%	10.27.2020 12:06
4-Bromofluorobenzene	92		105		106		70-130	%	10.27.2020 12:06

Analytical Method: BTEX by EPA 8021B

Seq Number: 3140974

MB Sample Id: 7714208-1-BLK

Matrix: Solid

LCS Sample Id: 7714208-1-BKS

Prep Method: SW5035A

Date Prep: 10.29.2020

LCSD Sample Id: 7714208-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0874	87	0.0783	78	70-130	11	35	mg/kg	10.29.2020 21:47	
Toluene	<0.00200	0.100	0.0870	87	0.0813	81	70-130	7	35	mg/kg	10.29.2020 21:47	
Ethylbenzene	<0.00200	0.100	0.0884	88	0.0844	84	70-130	5	35	mg/kg	10.29.2020 21:47	
m,p-Xylenes	<0.00400	0.200	0.175	88	0.165	83	70-130	6	35	mg/kg	10.29.2020 21:47	
o-Xylene	<0.00200	0.100	0.0900	90	0.0846	85	70-130	6	35	mg/kg	10.29.2020 21:47	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	95		101		98		70-130	%	10.29.2020 21:47
4-Bromofluorobenzene	90		103		98		70-130	%	10.29.2020 21:47

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Hungry Horse LLC

DCP-N-Line

Analytical Method: BTEX by EPA 8021B

Seq Number: 3140743

Parent Sample Id: 676067-001

Matrix: Soil

MS Sample Id: 676067-001 S

Prep Method: SW5035A

Date Prep: 10.27.2020

MSD Sample Id: 676067-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0689	69	0.0827	82	70-130	18	35	mg/kg	10.27.2020 12:47	X
Toluene	<0.00200	0.100	0.0594	59	0.0734	73	70-130	21	35	mg/kg	10.27.2020 12:47	X
Ethylbenzene	<0.00200	0.100	0.0520	52	0.0638	63	70-130	20	35	mg/kg	10.27.2020 12:47	X
m,p-Xylenes	<0.00401	0.200	0.0928	46	0.114	56	70-130	21	35	mg/kg	10.27.2020 12:47	X
o-Xylene	<0.00200	0.100	0.0517	52	0.0642	64	70-130	22	35	mg/kg	10.27.2020 12:47	X

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	103		104		70-130	%	10.27.2020 12:47
4-Bromofluorobenzene	108		117		70-130	%	10.27.2020 12:47

Analytical Method: BTEX by EPA 8021B

Seq Number: 3140974

Parent Sample Id: 676175-001

Matrix: Soil

MS Sample Id: 676175-001 S

Prep Method: SW5035A

Date Prep: 10.29.2020

MSD Sample Id: 676175-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00198	0.0990	0.0733	74	0.0639	64	70-130	14	35	mg/kg	10.29.2020 22:29	X
Toluene	<0.00198	0.0990	0.0732	74	0.0675	68	70-130	8	35	mg/kg	10.29.2020 22:29	X
Ethylbenzene	<0.00198	0.0990	0.0648	65	0.0654	66	70-130	1	35	mg/kg	10.29.2020 22:29	X
m,p-Xylenes	<0.00396	0.198	0.126	64	0.130	65	70-130	3	35	mg/kg	10.29.2020 22:29	X
o-Xylene	<0.00198	0.0990	0.0643	65	0.0651	65	70-130	1	35	mg/kg	10.29.2020 22:29	X

Surrogate

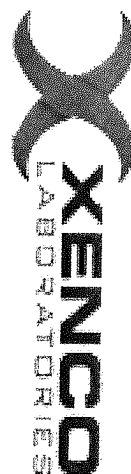
	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	97		96		70-130	%	10.29.2020 22:29
4-Bromofluorobenzene	107		104		70-130	%	10.29.2020 22:29

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 504-3334
Midland, TX (432) 304-5440, El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1266
Hobbs, NM (575) 792-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6707
Atlanta, GA (770) 449-8800

Work Order No: 676068

Project Manager:	Tanner Dominguez		Bill to: (if different)	
Company Name:	Hungry Horse		Company Name:	
Address:	PO Box 1058		Address:	
City, State ZIP:	Hobbs, NM 88241		City, State ZIP:	
Phone:	575 393-3386	Email:		

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other:

[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
Circle Method(s)	and Metal(s) to be analyzed		TCLP / SPLP	6010:	8RCRA	Sb	As	Ba	Be	B	Cd	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Ti	U											
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.																																	
Hg: 1631 / 245.1 / 7470 / 7471																																	

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Judson Moody</i>	<i>NR</i>	10/32:37	<i>NR</i>	<i>J. Warner</i>	10/30 945

ORIGIN ID: HQBA (575) 352-7550

*MAIL SERVICES ETC
4008 N GRIMESHOBBS, NM 88240
UNITED STATES USSHIP DATE: 23OCT20
ACTWGT: 12.00 LB MAN
CAD: 0103352/CAFE3313
DIMS: 12x12x11 IN

BILL RECIPIENT

TO XENCO HOLD FOR PICKUP
FEDEX OFFICE PRINT & SHIP CENTER
FEDEX OFFICE PRINT & SHIP CENTER
200 W INTERSTATE 20

MIDLAND TX 79701

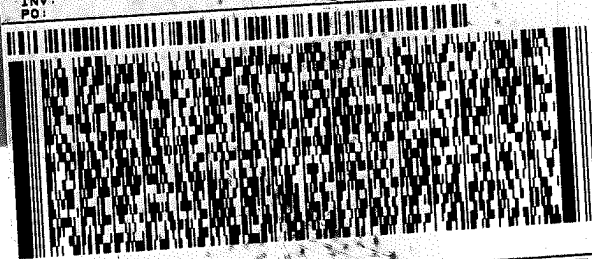
(432) 704-5440

REF:

DEPT:

INV:

PO:

FedEx
Express

J191219082001uv

TRK#
0201

9061 5135 1977

SATURDAY HOLD
PRIORITY OVERNIGHT
HLD

41 MAFA

MAFKI
TX-US LBB

Part 136148-034 RIT EXP 01/21

RT 754
FZ

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Hungry Horse LLC

Date/ Time Received: 10.26.2020 09.45.00 AM

Work Order #: 676069

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR-8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	4.8
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	N/A
#5 Custody Seals intact on sample bottles?	N/A
#6 *Custody Seals Signed and dated?	N/A
#7 *Chain of Custody present?	Yes
#8 Any missing/extra samples?	No
#9 Chain of Custody signed when relinquished/ received?	Yes
#10 Chain of Custody agrees with sample labels/matrix?	Yes
#11 Container label(s) legible and intact?	Yes
#12 Samples in proper container/ bottle?	Yes BTEX was in bulk container
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	N/A
#18 Water VOC samples have zero headspace?	N/A

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:

PH Device/Lot#:

Checklist completed by:



Brianna Teel

Date: 10.26.2020

Checklist reviewed by:



Holly Taylor

Date: 10.27.2020

Attachment V
NMOCD Form C-141 Closure Page

Incident ID	
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 OCD 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: Stephen Weathers Title: Principal Environmental Specialist
Signature:  Date: 11-23-2020
email: swweathers@dcpmidstream.com Telephone: 303.605.1718

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Incident ID	NRM2006235833
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 OCD 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: Stephen Weathers Title: Principal Environmental Specialist
Signature:  Date: 11-23-2020
email: swweathers@dcpmidstream.com Telephone: 303.605.1718

OCD Only

Received by: Robert Hamlet Date: 4/8/2021

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: Robert Hamlet Date: 4/8/2021
Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

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 11288

CONDITIONS OF APPROVAL

Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO80202			OGRID: 36785	Action Number: 11288	Action Type: C-141
OCD Reviewer	Condition				
rhamlet	We have received your closure report and final C-141 for Incident #NRM2006235833 N-LINE LEAK, thank you. This closure is approved.				