



Remediation Summary and Closure Request

Frontier Field Services, LLC

Apache EAU M-14 A

Eddy County, New Mexico

Unit Letter "C", Section 11, Township 18 South, Range 27 East

Latitude 32.766513 North, Longitude 104.252503 West

NMOCD Incident # nAPP2124433001

NMOCD Incident # nAPP2210450731

Prepared For:

Frontier Field Services, LLC

47 Conoco Rd

Maljamar, NM 88264

Prepared By:

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November 2022

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 - NMOCD Form Initial C-141 – Incident # nAPP2210450731

Form C-141

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State of New Mexico
Oil Conservation Division

Incident ID	nAPP2124433001
District RP	
Facility ID	
Application ID	

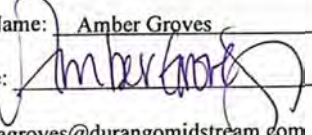
Closure

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: Amber Groves Title: Remediation Specialist
Signature:  Date: 11/16/2022
email: agroves@durangomidstream.com Telephone: 575-703-7992

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	nAPP2210450731
District RP	
Facility ID	
Application ID	

Closure

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- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Amber Groves Title: Sr. Environmental Specialist

Signature:  Date: 11/17/2022

email: agroves@durangomidstream.com Telephone: 575-703-7992

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



HUNGRY HORSE, LLC

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

Background:

The site is located in Unit Letter C (NE/NW), Section 11, Township 18 South, Range 27 East, approximately 10 miles Southeast of Artesia, in Eddy County, New Mexico. The property is Federally owned. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred on an active pipeline; Latitude 32.766513 North, Longitude 104.252503 West. The Initial NMOCD Form C-141 indicates that on August 26, 2021 approximately 23.52 bbls of produced water were released due to a rupture in the poly line. A crew was dispatched to the release site and the line was repaired. No fluid was recovered. On April 11, 2022, a second release occurred at the location. The Initial NMOCD Form C-141 indicates that approximately 14.46 bbls of produced water were released from a poly high threshold pressure line which over sprayed the area of the August 26, 2021 release. The line was repaired; no fluid was recovered. The two releases were remediated concurrently. Previously submitted pages of the NMOCD Form C-141 for each release are available on the NMOCD Imaging System. NMOCD Form Initial C-141 for each release are also included as Attachment VII.

NMOCD Site Classification:

A search of the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) groundwater databases was completed in an effort to determine the horizontal distance to known water sources within a half mile radius of the Release Site. Approximate depth to groundwater was determined using maintained and published water well data. Karst mapping indicates the site is located in a Karst designated area. Karst and Wetland Maps are provided as Attachment I. Depth to groundwater information is provided in Attachment IV and the results are depicted on Figures 2 & 3.

No water wells were located within a half mile of the release area, although, a temporary monitoring well, Temp MW-1, was installed on May 25, 2011, by the Apache Corporation to determine approximate depth to groundwater while remediating the Empire Abo Unit M-14 AD release, incident number NMLB1122948592. Temp MW-1 is located .26 miles north of the Apache EAU M-14 A location, Latitude 32.770284 North, Longitude 104.252384 West.

Temp MW-1 was drilled to approximately 100 feet bgs and left open for approximately one month to allow potential groundwater to accumulate. On June 28, 2011, Temp MW-1 was gauged for the presence of groundwater. No groundwater was detected within the borehole. Therefore, probable depth to groundwater was determined to be 51-100 feet bgs. Temp MW-1 was plugged on July 7, 2011.



The Temp MW-1 Construction Log and Figure A – Temp MW-1 Location Map, depicting the location of Temp MW-1 in relation to the Apache EAU release site, are provided in Attachment IV.

However, as the release occurred within a Karst designated area, the site was delineated and further remediated according to the strictest NMOCD Closure Criteria. Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows:

Depth to Groundwater	Constituent	Method	Limit
51-100'	Chloride	EPA 300.0 or SM4500 CLB	600 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M	100 mg/kg
	GRO + DRO	EPA SW-846 Method 8015M	N/A
	BTEX	EPA SW-846 Methods 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Methods 8021B or 8260B	10 mg/kg

Delineation and Remediation Activities:

On August 27, 2021, Hungry Horse conducted an initial site assessment consisting of mapping and photographing the release area. On September 20, October 11-12, November 19, 2021, and March 18, 2022, Hungry Horse conducted a series of delineation sampling events. During the sampling events, sample test trenches were advanced in the release area in an effort to determine the vertical extent of contamination. These sample locations are identified by SP designation. In addition, sample test trenches were advanced along the outside edges of the release area in an effort to determine the horizontal extent of contamination. These sample locations are identified by HZ designation. During the advancement of the test trenches, soil samples were collected and field screened for the presence of chloride concentrations utilizing a Hach Quantab® chloride test kit. Field test data noted above is provided in Attachment V.

On September 20, 2021, ten representative soil samples were collected for laboratory analysis. Delineation soil samples SP1 Surf through SP10 Surf, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations of TPH and/or chloride were in excess the NMOCD Closure Criteria in each of the submitted samples.

On October 11-12, 2021, twenty representative soil samples were collected for laboratory analysis. Delineation soil samples SP1 6', SP2 6', SP6 6', SP8 4', SP9 8', SP10 4', and HZ1 through HZ7, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples, with the exception of samples SP1 6', SP2 6', SP8 4', and SP9 8', which exhibited chloride concentrations in excess of NMOCD Closure Criteria.



On October 26, 2021, the NMCOD was contacted and a ninety-day extension was requested. Delineation activities were slowed due to the presence of a hard gypsum layer between four and six feet bgs, as well as numerous surface lines within the release area. This extension allowed time for the surface lines to be moved aside and heavier equipment brought in to dig through the gypsum layer. On October 29, 2021, the NMOCD approved a ninety-day extension, moving the completion date to January 26, 2022. NMOCD correspondence is provided in Attachment II.

On November 19, 2021, eight representative soil samples were collected for laboratory analysis. Delineation soil samples SP1 8', SP2 10', SP3 5', SP4 7', SP5 6', SP7 6', SP8 6', and SP9 9', were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples, with the exception of samples SP1 8', and SP2 10', which exhibited TPH concentrations in excess of NMOCD Closure Criteria.

On January 14, 2022, the NMCOD was again contacted and a second ninety-day extension was requested. During the course of delineation activities, analytical data indicated the possibility of historical contamination and Frontier Field Services requested time to investigate. On January 18, 2022, the NMOCD approved a ninety-day extension, moving the completion date to April 26, 2022. NMOCD correspondence is provided in Attachment II.

On March 18, 2022, Hungry Horse personnel arrived on location to complete delineation of the area characterized by sample locations SP1 and SP2. Two representative soil samples were collected for laboratory analysis. Delineation soil samples SP1 8.5' and SP2 11', were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

On April 14, 2022, a Site Assessment and Remediation Work Plan was submitted to the NMOCD detailing a proposed variance of excavation to four feet bgs with liner installation, based on known depth to groundwater as evidenced by the Apache Corporation soil bore, Temp MW-1. On July 26, 2022, the proposed work plan was subsequently denied.

On August 24, 2022, excavation activities commenced. Due to the size of the excavation area, the varying excavation depths, and to aid the collection of closure samples, the release area was divided into eight areas. As excavation activities progressed, soil impacted above the NMOCD Closure Criteria was excavated and stockpiled on site, before transport to an NMOCD approved disposal facility. As the excavation of each area was completed, closure samples were collected from the excavation floor and sidewalls, every 200 square feet and every 50 linear feet, respectively, and submitted to laboratory for analysis of BTEX, TPH, and chloride. These areas, the depths of excavation, and closure sampling dates are depicted in Figure 5.



Area 1 was sampled on September 12, 2022. Thirty-one composite confirmation soil samples were collected from the excavation floor and sidewalls. Soil samples FL1 through FL24 and SW1 through SW7, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples, with the exception of FL8 through FL24, and SW6 and SW7, which exhibited TPH concentrations in excess of NMOCD Closure Criteria.

Area 2 was sampled on September 13, 2022. Twenty-two composite confirmation soil samples were collected from the excavation floor and sidewalls. Soil samples FL25 through FL41 and SW8 through SW12, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

Area 5 was sampled on September 15, 2022. Seven composite confirmation soil samples were collected from the excavation floor and sidewalls. Soil samples FL147, FL148, and FL149 and SW31 through SW34, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples, with the exception of FL149 and SW34, which exhibited TPH concentrations in excess of NMOCD Closure Criteria.

Area 4 was sampled on September 19, 2022. Seventeen composite confirmation soil samples were collected from the excavation floor and sidewalls. Soil samples FL135 through FL146 and SW26 through SW30, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

On September 21 and 22, 2022, after the sample areas which were over the NMOCD Closure Criteria had been excavated further, Area 1 and Area 5 were re-sampled. Soil samples FL8b through FL24b, SW6b, SW7b, FL149b, and SW34b, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

Area 3 was sampled on September 29, 2022. One hundred-six composite confirmation soil samples were collected from the excavation floor and sidewalls. Soil samples FL42 through FL134 and SW13 through SW25, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

Areas 7 and 8 were sampled on October 6, 2022. Forty composite confirmation soil samples were collected from the excavation floor and sidewalls. Soil samples FL163 through FL190 and SW39 through SW50, were submitted to the laboratory for analysis of BTEX, TPH, and chloride.



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

Area 6 was sampled on October 11, 2022. Seventeen composite confirmation soil samples were collected from the excavation floor and sidewalls. Soil samples FL150 through FL162 and SW35 through SW38, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

The excavated area measured approximately five hundred twenty feet in length, thirty to one hundred twenty feet in width, and four to eleven feet in depth. During remediation activities approximately 13,272 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility. Manifests can be provided upon request.

A Delineation Sample Map, Excavation and Closure Sample Areas Map, Closure Floor Samples Map, and Closure Sidewall Samples Map, are provided as Figure 4, Figure 5, Figure 6, and Figure 7, respectively. A Summary of Soil Sample Laboratory Analytical Results is provided as Table 1 and Laboratory Analytical Reports are provided as Attachment VI.

Restoration, Reclamation, and Re-Vegetation:

Based upon laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced, clean, non-impacted soil. The affected area was contoured and/or compacted to achieve erosion control, surface stability, and preserve surface water flow.

The affected area will be scarified to aid with infiltration, overall success of seed germination, and plant establishment. The affected area will then be seeded, via hand broadcast at double the recommended rate, with an approved seed mixture, free of noxious weeds, during the first favorable growing season following these completed remediation activities.

Closure Request:

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

Based on laboratory analytical results, Frontier Field Services, LLC respectfully requests closure of the Apache EAU M-14 A incidents, nAPP2124433001 and nAPP2210450731.



Limitations:

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



Distribution:

Frontier Field Services, LLC

47 Conoco Rd.
Maljamar, NM 88264

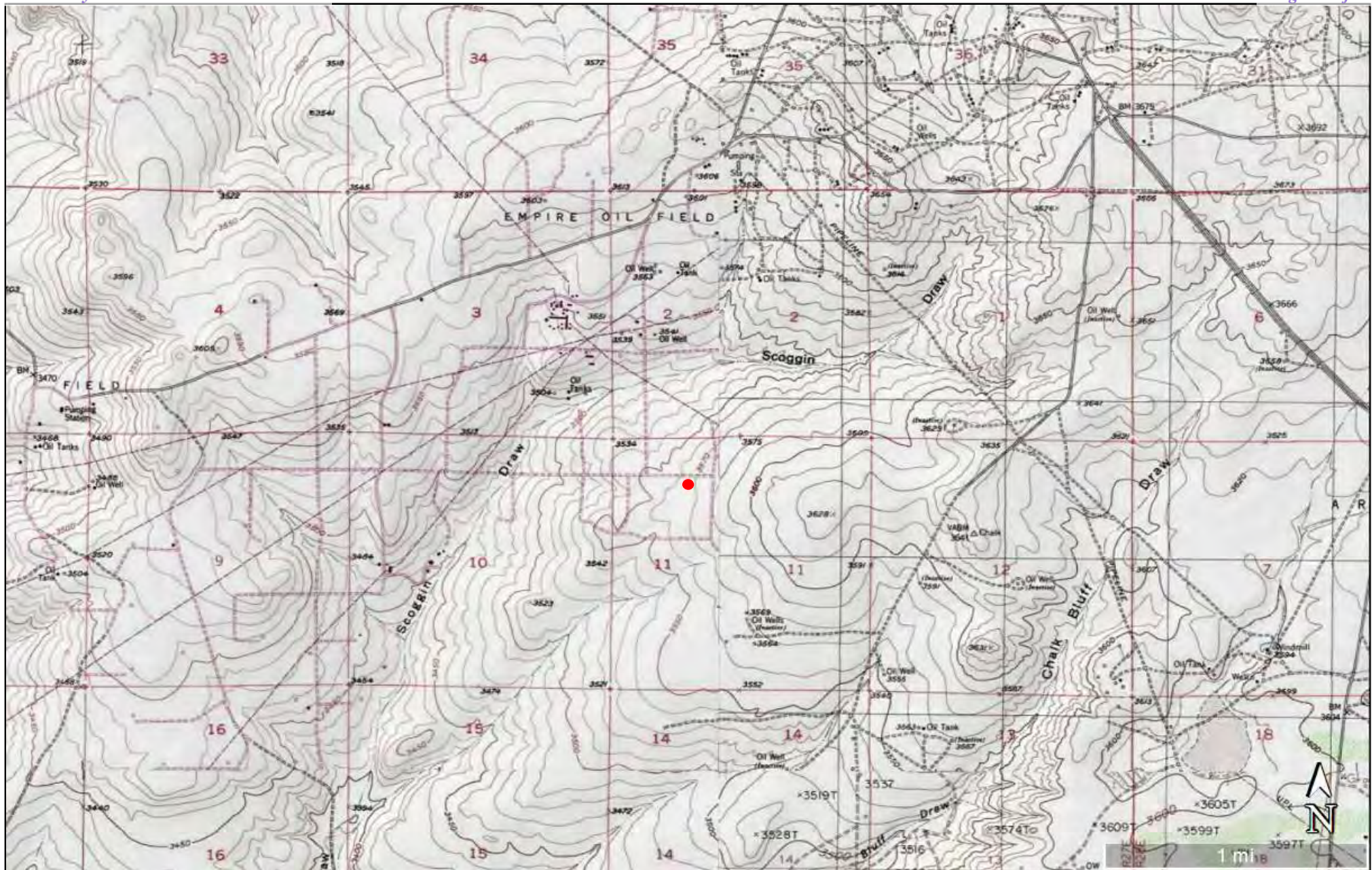
New Mexico Energy, Minerals and Natural Resources Department

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

New Mexico Bureau of Land Management

620 E. Greene St
Carlsbad, NM 88220

Figures

**Figure 1**

Topographic Map
 Frontier Field Services, LLC
 Apache EAU M-14 A
 GPS: 32.766513, -104.252503
 Eddy County

Legend:

● Apache EAU M-14 A Location

Drafted: dd
 Checked:
 Date: 9/14/21



**Figure 2**

OSE POD Locations Map
Frontier Field Services, LLC
Apache EAU M-14 A
GPS: 32.766513, -104.252503
Eddy County

Legend:

● Apache EAU M-14 A Location

Drafted: dd
Checked:
Date: 9/14/21



**Figure 3**

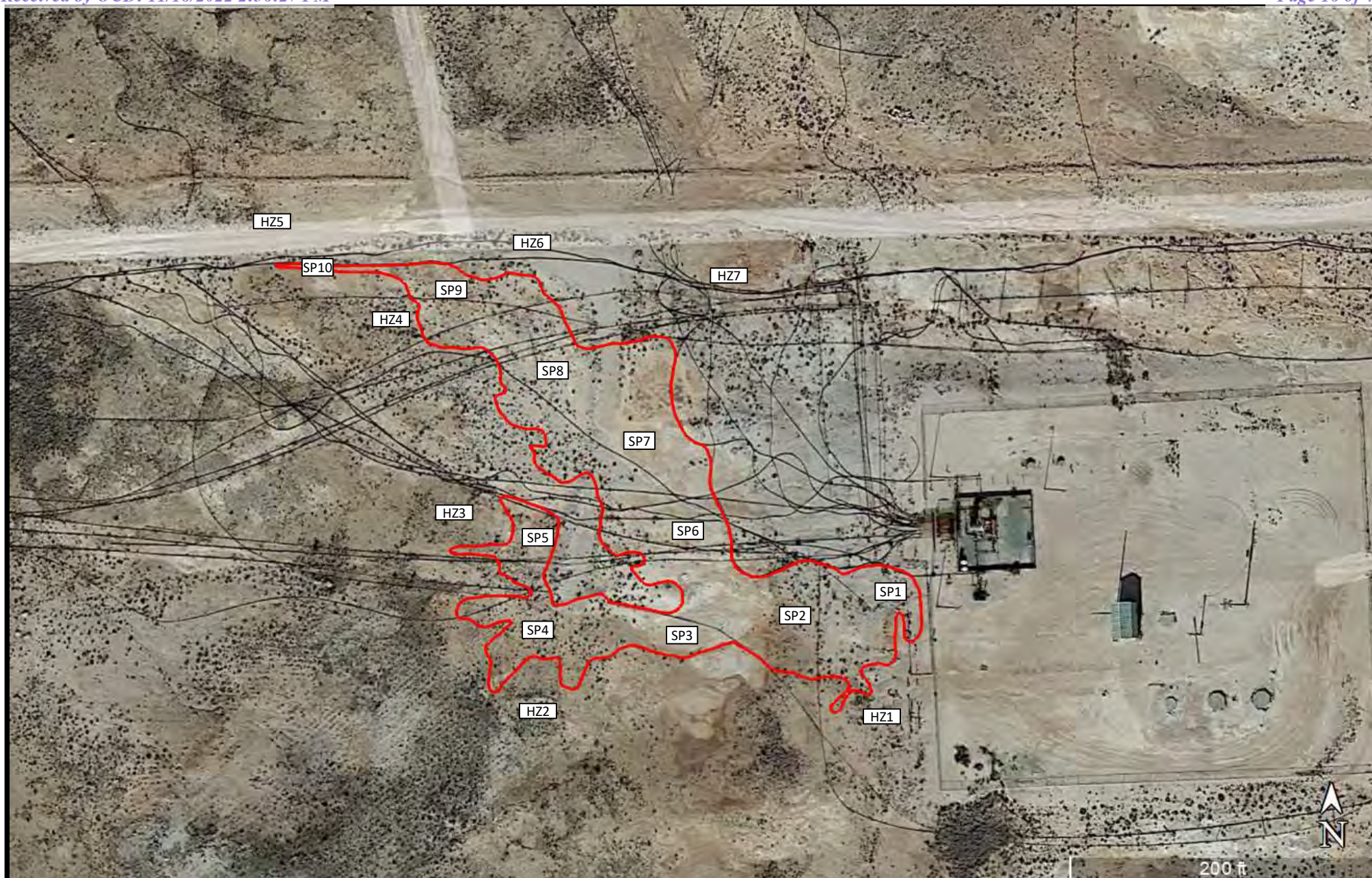
USGS Well Locations Map
Frontier Field Services, LLC
Apache EAU M-14 A
GPS: 32.766513, -104.252503
Eddy County

Legend:

● Apache EAU M-14 A Location



Drafted: dd
Checked:
Date: 9/14/21

**Figure 4**

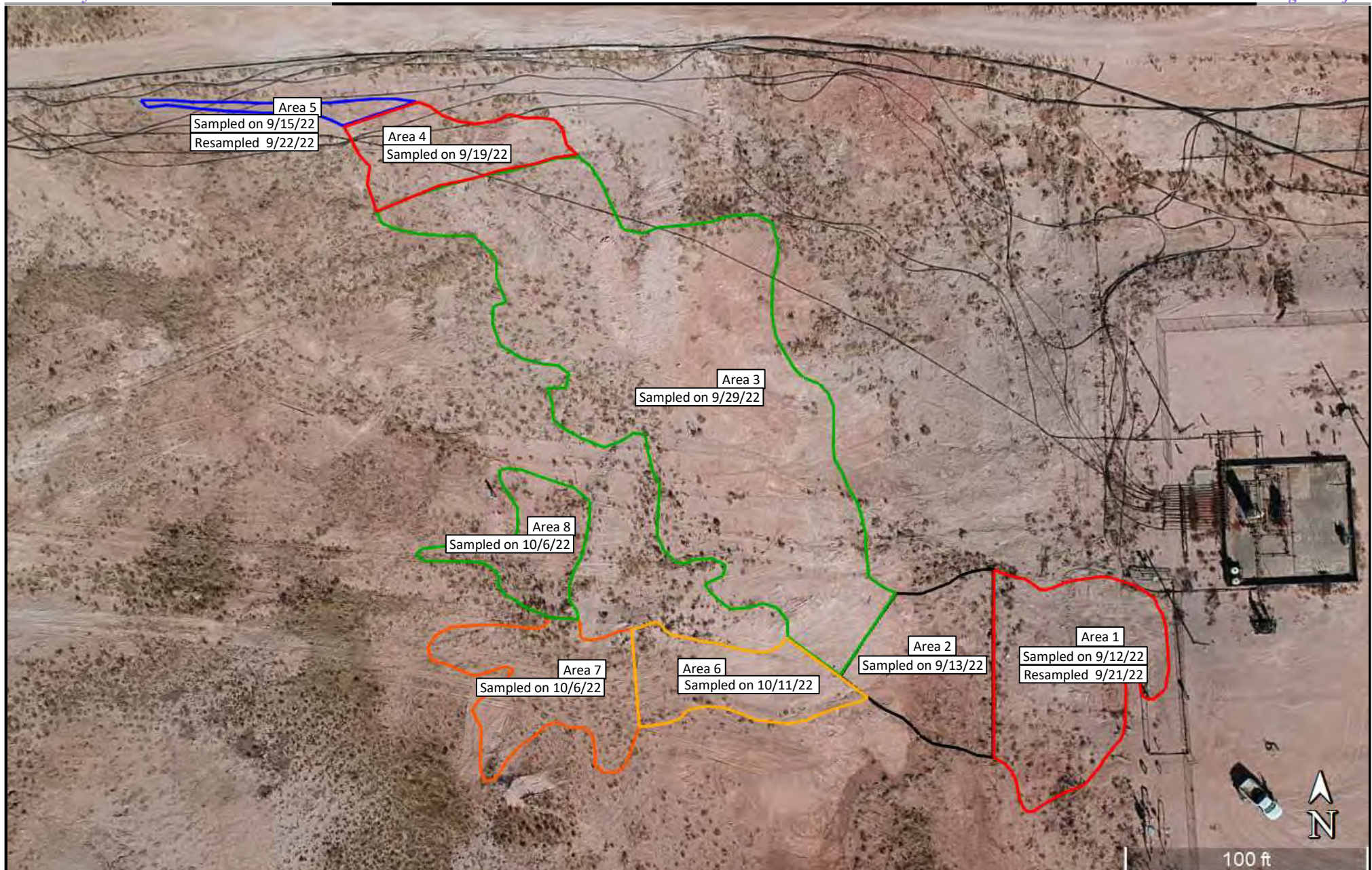
Delineation Sample Map
 Frontier Field Services, LLC
 Apache EAU M-14 A
 GPS: 32.766513, -104.252503
 Eddy County

Legend:

- Release Area
- SP1 Delineation Sample Location

Drafted: dd
 Checked:
 Date: 9/14/21



**Figure 5**

Excavation and Closure Sample Areas Map

Frontier Field Services, LLC

Apache EAU M-14 A

GPS: 32.766513, -104.252503

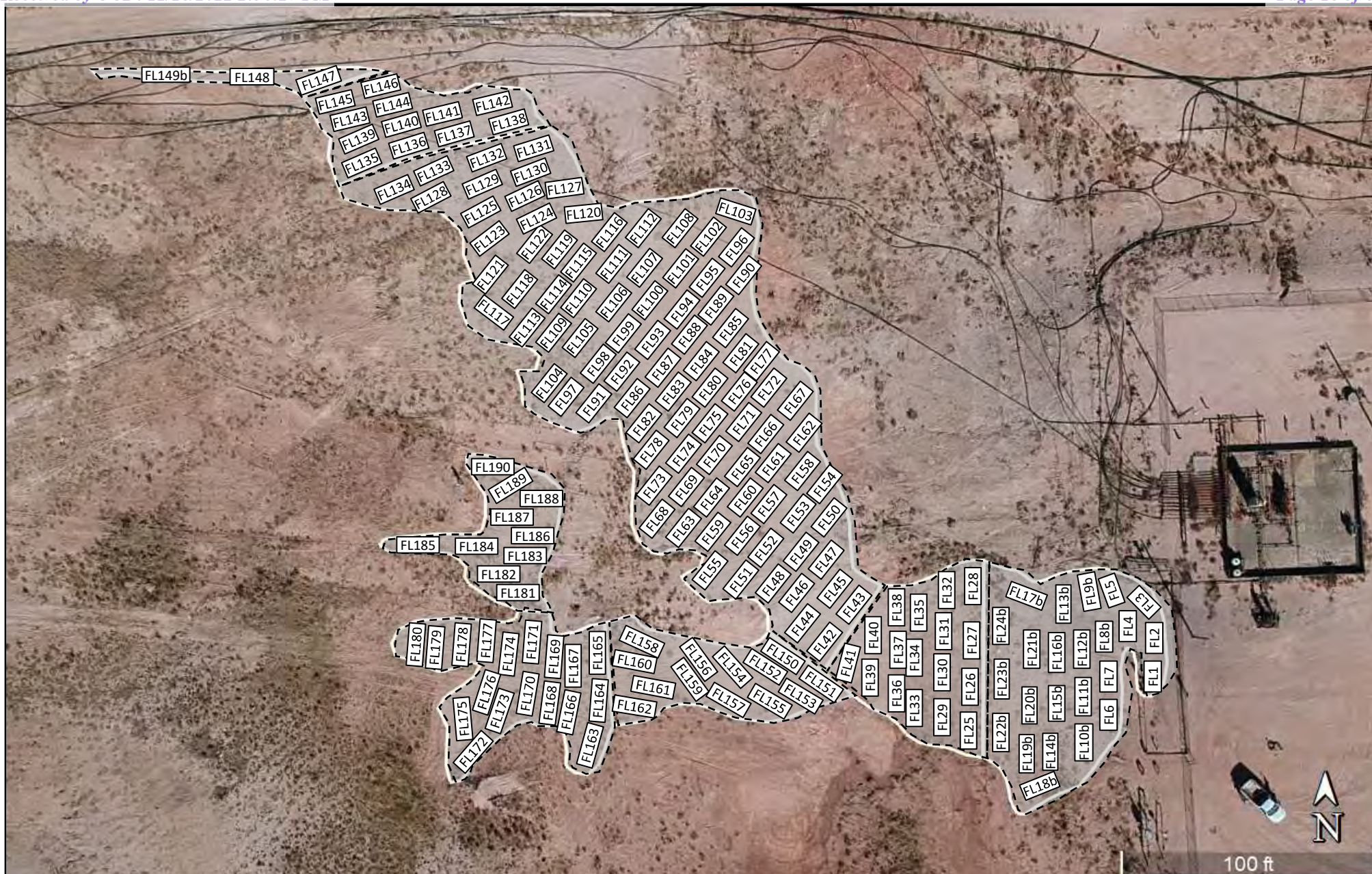
Eddy County

Legend:

- Excavated areas to 8.5-10 feet bgs
- Excavated area to 11 feet bgs
- Excavated area to 7 feet bgs
- Excavated area to 6 feet bgs
- Excavated area to 5 feet bgs
- Excavated area to 4-4.5 feet bgs



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 Date: 9/15/22



**Figure 6**

Closure Floor Samples Map
 Frontier Field Services, LLC
 Apache EAU M-14 A
 GPS: 32.766513, -104.252503
 Eddy County

Legend:

-  Excavated Areas
-  Confirmation Floor Sample Location

Drafted: dd
 Checked: bw
 Date: 9/14/22



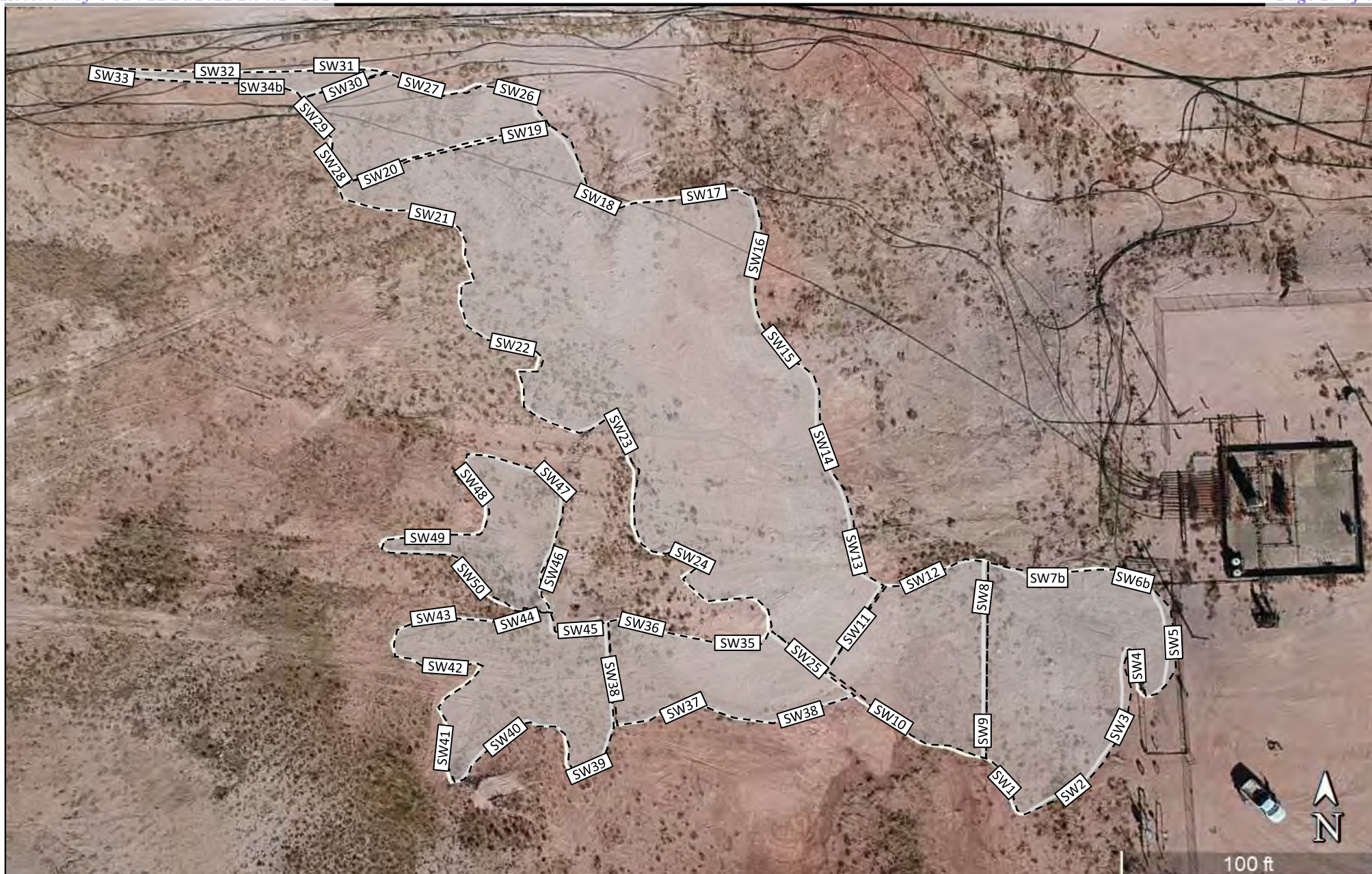




Figure 7

Closure Sidewall Samples Map
Frontier Field Services, LLC
Apache EAU M-14 A
GPS: 32.766513, -104.252503
Eddy County

Legend:

-  Excavated Areas
 Confirmation Sidewall Sample Locations

Drafted: dd
Checked: bw
Date: 9/14/22



Table

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Frontier Field Services, LLC
Apache EAU M-14 A
NMOCD Ref. #: nAPP2124433001

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SP1	9/20/21	Surf	Excavated	ND	ND	ND	ND	ND	57.5	57.5	2,560
	10/11/21	6	Excavated	ND	ND	ND	ND	ND	ND	ND	750
	11/19/21	8	Excavated	ND	0.306	ND	2,960	2,960	1,360	4,320	ND
	3/18/22	8.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32
SP2	9/20/21	Surf	Excavated	ND	ND	ND	ND	ND	ND	ND	61,100
	10/11/21	6	Excavated	ND	ND	ND	ND	ND	ND	ND	898
	11/19/21	10	Excavated	ND	ND	ND	1,370	1,370	479	1,849	117
	3/18/22	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
SP3	9/20/21	Surf	Excavated	ND	ND	ND	ND	ND	ND	ND	44,400
	11/19/21	5	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
SP4	9/20/21	Surf	Excavated	ND	ND	ND	ND	ND	ND	ND	26,900
	11/19/21	7	In-Situ	ND	ND	ND	ND	ND	ND	ND	115
SP5	9/20/21	Surf	Excavated	ND	ND	ND	73.9	73.9	126	199.9	983
	11/19/21	6	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
SP6	9/20/21	Surf	Excavated	ND	ND	ND	ND	ND	ND	ND	35,600
	10/12/21	6	In-Situ	ND	ND	ND	ND	ND	ND	ND	407
SP7	9/20/21	Surf	Excavated	ND	ND	ND	ND	ND	ND	ND	8,420
	11/19/21	6	In-Situ	ND	ND	ND	ND	ND	ND	ND	478
SP8	9/20/21	Surf	Excavated	ND	ND	ND	51.7	51.7	97.8	149.5	15,700
	10/12/21	4	Excavated	ND	ND	ND	ND	ND	ND	ND	1,940
	11/19/21	6	In-Situ	ND	ND	ND	ND	ND	ND	ND	395
SP9	9/20/21	Surf	Excavated	ND	ND	ND	ND	ND	ND	ND	6,360
	10/12/21	8	Excavated	ND	ND	ND	ND	ND	ND	ND	1,040
	11/19/21	9	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
SP10	9/20/21	Surf	Excavated	ND	ND	ND	ND	ND	ND	ND	3,960
	10/12/21	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
HZ1	10/12/21	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	10/12/21	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
HZ2	10/12/21	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	10/12/21	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
HZ3	10/12/21	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	10/12/21	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
HZ4	10/12/21	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	10/12/21	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
HZ5	10/12/21	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	10/12/21	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
HZ6	10/12/21	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	10/12/21	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
HZ7	10/12/21	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	10/12/21	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Frontier Field Services, LLC
Apache EAU M-14 A
NMOCD Ref. #: nAPP2124433001

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL1	9/12/22	9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL2	9/12/22	9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL3	9/12/22	9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL4	9/12/22	9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL5	9/12/22	9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL6	9/12/22	9	In-Situ	<0.050	<0.300	<10.0	16.5	16.5	<10.0	<30.0	112
FL7	9/12/22	9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144.0
FL8	9/12/22	9	Excavated	<0.050	<0.300	<10.0	226	226	43.7	269.7	32.0
FL8b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL9	9/12/22	9	Excavated	<0.050	<0.300	<10.0	208	208	41.7	249.7	48.0
FL9b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL10	9/12/22	9	Excavated	<0.050	<0.300	<10.0	391	391	110	501	112.0
FL10b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL11	9/12/22	9	Excavated	<0.050	<0.300	<10.0	346	346	91.2	437.2	160.0
FL11b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL12	9/12/22	9	Excavated	<0.050	<0.300	<10.0	352	352	80.6	432.6	16.0
FL12b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL13	9/12/22	9	Excavated	<0.050	<0.300	<10.0	402	402	96.1	498.1	48.0
FL13b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL14	9/12/22	9	Excavated	<0.050	<0.300	<10.0	367	367	95.5	462.5	48.0
FL14b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL15	9/12/22	9	Excavated	<0.050	<0.300	<10.0	334	334	85.3	419.3	64.0
FL15b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL16	9/12/22	9	Excavated	<0.050	<0.300	<10.0	245	245	56.1	301.1	64.0
FL16b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL17	9/12/22	9	Excavated	<0.050	<0.300	<10.0	263	263	57.5	320.5	64.0
FL17b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL18	9/12/22	9	Excavated	<0.050	<0.300	<10.0	392	392	99.1	491.1	80.0
FL18b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL19	9/12/22	9	Excavated	<0.050	<0.300	<10.0	278	278	67	345	48.0
FL19b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL20	9/12/22	9	Excavated	<0.050	<0.300	<10.0	318	318	84.3	402.3	64.0
FL20b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL21	9/12/22	9	Excavated	<0.050	<0.300	<10.0	291	291	67.2	358.2	48.0
FL21b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL22	9/12/22	9	Excavated	<0.050	<0.300	<10.0	243	243	65.2	308.2	48.0
FL22b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL23	9/12/22	9	Excavated	<0.050	<0.300	<10.0	241	241	54.1	295.1	64.0
FL23b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL24	9/12/22	9	Excavated	<0.050	<0.300	<10.0	163	163	44.5	207.5	80.0
FL24b	9/21/22	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Frontier Field Services, LLC
Apache EAU M-14 A
NMOCD Ref. #: nAPP2124433001

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL25	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160.0
FL26	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112.0
FL27	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288.0
FL28	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128.0
FL29	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	49.0	49.00	<10.0	49.0	112.0
FL30	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	14.5	14.5	<10.0	<30.0	80.0
FL31	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	17.9	17.9	<10.0	<30.0	96.0
FL32	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL33	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL34	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL35	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL36	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL37	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL38	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL39	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL40	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL41	9/13/22	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL42	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL43	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL44	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL45	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL46	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL47	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL48	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL49	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL50	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL51	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL52	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL53	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL54	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL55	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL56	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL57	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL58	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL59	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL60	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL61	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL62	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL63	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL64	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL65	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Frontier Field Services, LLC
Apache EAU M-14 A
NMOCD Ref. #: nAPP2124433001

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL66	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL67	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL68	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	64.2	64.2	11.0	75.2	192
FL69	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	51.0	51.0	12.1	63.1	192
FL70	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL71	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL72	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL73	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL74	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL75	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL76	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL77	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL78	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL79	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL80	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL81	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL82	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL83	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL84	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL85	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL86	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL87	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL88	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL89	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	41.0	41.0	<10.0	41.0	64.0
FL90	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	37.0	37.0	13.9	50.9	48.0
FL91	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	49.0	49.0	17.6	66.6	64.0
FL92	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	27.6	27.6	<10.0	<30.0	96.0
FL93	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	21.4	21.4	<10.0	<30.0	32.0
FL94	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL95	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL96	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL97	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL98	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL99	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL100	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	48.0	48.0	12.8	60.8	48.0
FL101	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL102	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL103	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL104	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL105	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	24.0	24.0	<10.0	<30.0	160
FL106	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	25.1	25.1	16.0	41.1	160
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Frontier Field Services, LLC
Apache EAU M-14 A
NMOCD Ref. #: nAPP2124433001

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL107	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL108	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL109	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL110	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL111	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL112	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL113	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL114	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL115	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL116	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL117	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL118	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL119	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL120	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL121	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL122	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL123	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL124	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL125	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL126	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL127	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL128	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL129	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL130	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL131	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL132	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL133	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL134	9/30/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL135	9/19/22	8.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL136	9/19/22	8.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL137	9/19/22	8.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL138	9/19/22	8.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL139	9/19/22	8.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL140	9/19/22	8.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL141	9/19/22	8.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL142	9/19/22	8.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL143	9/19/22	8.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL144	9/19/22	8.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL145	9/19/22	8.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL146	9/19/22	8.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL147	9/15/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Frontier Field Services, LLC
Apache EAU M-14 A
NMOCD Ref. #: nAPP2124433001

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL148	9/15/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL149	9/15/22	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	752
FL149b	9/22/22	4.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL150	10/11/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL151	10/11/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL152	10/11/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL153	10/11/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL154	10/11/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL155	10/11/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL156	10/11/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL157	10/11/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL158	10/11/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL159	10/11/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL160	10/11/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL161	10/11/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL162	10/11/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL163	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL164	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL165	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL166	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL167	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL168	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL169	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL170	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL171	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL172	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL173	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL174	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL175	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL176	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL177	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL178	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL179	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL180	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL181	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL182	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL183	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL184	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL185	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL186	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL187	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Frontier Field Services, LLC
Apache EAU M-14 A
NMOCD Ref. #: nAPP2124433001

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL188	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL189	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL190	10/6/22	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW1	9/12/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW2	9/12/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW3	9/12/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW4	9/12/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW5	9/12/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW6	9/12/22	4	Excavated	<0.050	<0.300	<10.0	237	237	56.8	293.8	48.0
SW6b	9/21/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW7	9/12/22	4	Excavated	<0.050	<0.300	<10.0	138	138	41.8	179.8	80.0
SW7b	9/21/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW8	9/13/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW9	9/13/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW10	9/13/22	4	In-Situ	<0.050	<0.300	<10.0	45.6	45.6	<10.0	45.6	64.0
SW11	9/13/22	4	In-Situ	<0.050	<0.300	<10.0	16.3	16.3	<10.0	<30.0	128.0
SW12	9/13/22	4	In-Situ	<0.050	<0.300	<10.0	18.9	18.9	<10.0	<30.0	32.0
SW13	9/30/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW14	9/30/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW15	9/30/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SW16	9/30/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW17	9/30/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SW18	9/30/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SW19	9/30/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW20	9/30/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SW21	9/30/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW22	9/30/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW23	9/30/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SW24	9/30/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW25	9/30/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SW26	9/19/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
SW27	9/19/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW28	9/19/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
SW29	9/19/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW30	9/19/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW31	9/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
SW32	9/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
SW33	9/15/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
SW34	9/15/22	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	976
SW34b	9/22/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW35	10/11/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Frontier Field Services, LLC
Apache EAU M-14 A
NMOCD Ref. #: nAPP2124433001

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SW36	10/11/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW37	10/11/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW38	10/11/22	3	In-Situ	<0.050	<0.300	<10.0	20.9	20.9	<10.0	<30.0	32
SW39	10/6/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW40	10/6/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW41	10/6/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW42	10/6/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW43	10/6/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW44	10/6/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW45	10/6/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW46	10/6/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW47	10/6/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW48	10/6/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW49	10/6/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW50	10/6/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

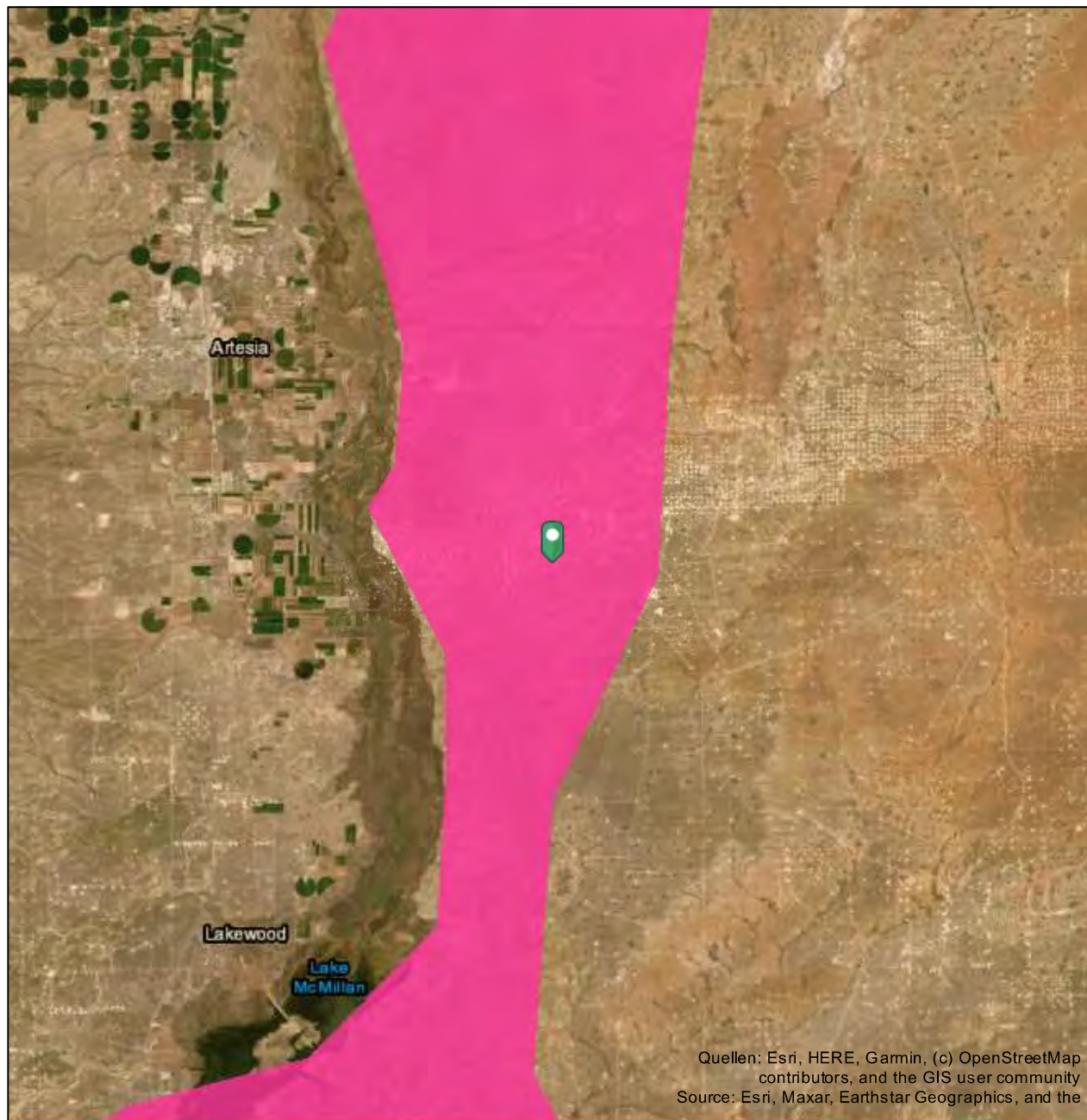
NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Attachment I

Karst and Wetland Maps

**Karst springs**

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

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

● Submarine spring

● Thermal spring

□ Water abstraction structure in karst aquifer

Ω Cave systems

▲ Border between exposed and non-exposed karstifiable rocks

● Selected city, partly dependent on groundwater

— Boundary of continuous permafrost

□ Continuous ice sheet

Karstifiable rocks (potential karst aquifer)

■ Continuous carbonate rocks

— Discontinuous carbonate rocks

— Continuous evaporite rocks

— Discontinuous evaporite rocks

— Mixed carbonate and evaporite rocks








Wetlands



August 22, 2022

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond

-  Lake
-  Other
-  Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Attachment II NMOCD Correspondence

Daniel Dominguez

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Friday, October 29, 2021 8:44 AM
To: Daniel Dominguez
Cc: Harley Everhart; Mary Taylor; Bratcher, Mike, EMNRD; Hensley, Chad, EMNRD; Velez, Nelson, EMNRD
Subject: (Extension Approval) Apache EAU M-14 A - NAPP2124433001

RE: Incident #NAPP2124433001

Daniel,

Your request for an extension to **January 26th, 2022** is approved.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

811 S. First Street | Artesia, NM 88210

575.909.0302 | robert.hamlet@state.nm.us

<http://www.emnrd.state.nm.us/OCD/>



From: Daniel Dominguez <ddominguez@hungry-horse.com>
Sent: Tuesday, October 26, 2021 10:31 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: Harley Everhart <HEverhart@durangomidstream.com>; Mary Taylor <mtaylor@durangomidstream.com>
Subject: [EXTERNAL] Apache EAU M-14 A - NAPP2124433001

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

Mr. Hamlet,

Our 90 day remediation due date for the subject incident is approximately 11/26/2021. We have pursued remediation and attempted to delineate the area. However, due to the presence of a hard gypsum layer between four and six feet bgs as well as an abundance of surface poly lines we have been unable to complete delineation. Our plan is to move the poly lines out of the way so we can bring in a trackhoe to finish delineation and then remediate the site. Our initial findings indicate the area will need to be excavated to depths varying from four to eight feet bgs after the poly lines are moved out of the way. For these reasons we are requesting a 60 day extension on our 90 day incident closure deadline to allow us time to complete these actions and properly delineate and remediate the area. Delineation Sample Map attached.

Respectfully,

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

Daniel Dominguez

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Tuesday, January 18, 2022 11:09 AM
To: Daniel Dominguez
Cc: Nobui, Jennifer, EMNRD; Velez, Nelson, EMNRD; Harley Everhart; John Prentiss; Darin Kennard; Hensley, Chad, EMNRD; Bratcher, Mike, EMNRD
Subject: (Final Extension) Durango - Apache EAU M-14 A nAPP2124433001
Importance: High

RE: Incident #NAPP2124433001

Daniel,

Your request for an extension to **April 26th, 2022** is approved. This will be the final extension for this release.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Daniel Dominguez <ddominguez@hungry-horse.com>
Sent: Friday, January 14, 2022 1:45 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>; Harley Everhart <HEverhart@durangomidstream.com>; John Prentiss <JPrentiss@durangomidstream.com>; Darin Kennard <dkennard@durangomidstream.com>
Subject: [EXTERNAL] Durango - Apache EAU M-14 A nAPP2124433001

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

Mr. Hamlet,

Our 90 day extension due date for the subject incident is 1/26/2022. The surface lines have been moved and we have completed the delineation of the release area. However, during the course of delineation activities it became evident that we had encountered historical contamination. Chloride levels were above the NMOCD closure criteria at deeper depths than would be expected, and now high TPH levels at eight and ten feet bgs at sample locations SP1 and SP2. Also, Durango is going to pursue discussions with Apache regarding their part in the remediation process. For these reasons we are requesting a 60-90 day extension on our 60 day extension deadline to allow us time to complete these actions and properly remediate the area. Delineation Sample Map and Analytical Table are attached. Also attached is an overhead shot of the location after surface lines were moved.

Respectfully,

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

Daniel Dominguez

From: Daniel Dominguez
Sent: Thursday, September 8, 2022 7:44 AM
To: 'Enviro, OCD, EMNRD'
Subject: Closure Samples

We will be collecting closure samples at the Apache EAU (nAPP2124433001) on Monday, September 12, 2022 at 7 am. This is going to be a large excavation so we will be collecting closure samples from multiple areas as the excavation expands. This is our 48 notice.

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

Daniel Dominguez

From: Daniel Dominguez
Sent: Friday, September 9, 2022 8:12 AM
To: 'Enviro, OCD, EMNRD'
Subject: Closure Samples

We will be collecting further closure samples at the Apache EAU (nAPP2124433001) on Tuesday, September 13, 2022 at 7 am. This is going to be a large excavation so we will be collecting closure samples from multiple areas as the excavation expands. This is our 48 notice.

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

Daniel Dominguez

From: Daniel Dominguez
Sent: Tuesday, September 13, 2022 6:04 AM
To: 'Enviro, OCD, EMNRD'
Subject: Closure Samples

We will be collecting further closure samples at the Apache EAU (nAPP2124433001) on Thursday, September 15, 2022 at 7 am. This is going to be a large excavation so we will be collecting closure samples from multiple areas as the excavation expands. This is our 48 notice.

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

Daniel Dominguez

From: Daniel Dominguez
Sent: Thursday, September 15, 2022 9:41 AM
To: 'Enviro, OCD, EMNRD'
Subject: Closure Samples - Correction
Attachments: Apache EAU Closure Sample Areas.pdf

We will be collecting further closure samples at the Apache EAU (nAPP2124433001) on Monday, September 19, 2022 at 7 am. These samples will be from Area 4. There are eight total areas. We have sampled Area 1, Area 2, Area 5 and will sample Area 4 on Monday. Closure Sample Areas map attached for reference.
This is our 48 notice.

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

Daniel Dominguez

From: Daniel Dominguez
Sent: Monday, September 19, 2022 6:26 AM
To: Enviro, OCD, EMNRD
Subject: Closure Samples

We will be collecting additional closure samples at the Apache EAU (nAPP2124433001) on Wednesday, September 21, 2022 at 7 am.

These re-samples will be from Area 1.

This is our 48 notice.

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

Daniel Dominguez

From: Daniel Dominguez
Sent: Tuesday, September 20, 2022 2:13 PM
To: 'Enviro, OCD, EMNRD'
Subject: Closure Samples

We will be collecting additional closure samples at the Apache EAU (nAPP2124433001) on Thursday, September 22, 2022 at 7 am.

These re-samples will be from Area 5.

This is our 48 notice.

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

Daniel Dominguez

From: Daniel Dominguez
Sent: Wednesday, September 28, 2022 6:42 AM
To: 'Enviro, OCD, EMNRD'
Subject: Closure Samples

We will be collecting additional closure samples at the Apache EAU (nAPP2124433001) on Friday, September 29, 2022 at 7 am. These samples will be from Area 3.
This is our 48 notice.

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

Daniel Dominguez

From: Daniel Dominguez
Sent: Tuesday, October 4, 2022 10:00 AM
To: 'Enviro, OCD, EMNRD'
Subject: Closure Samples

We will be collecting additional closure samples at the Apache EAU (nAPP2124433001) on Thursday, October 6, 2022 at 7 am. These samples will be from Areas 7 and 8.
This is our 48 notice.

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

Daniel Dominguez

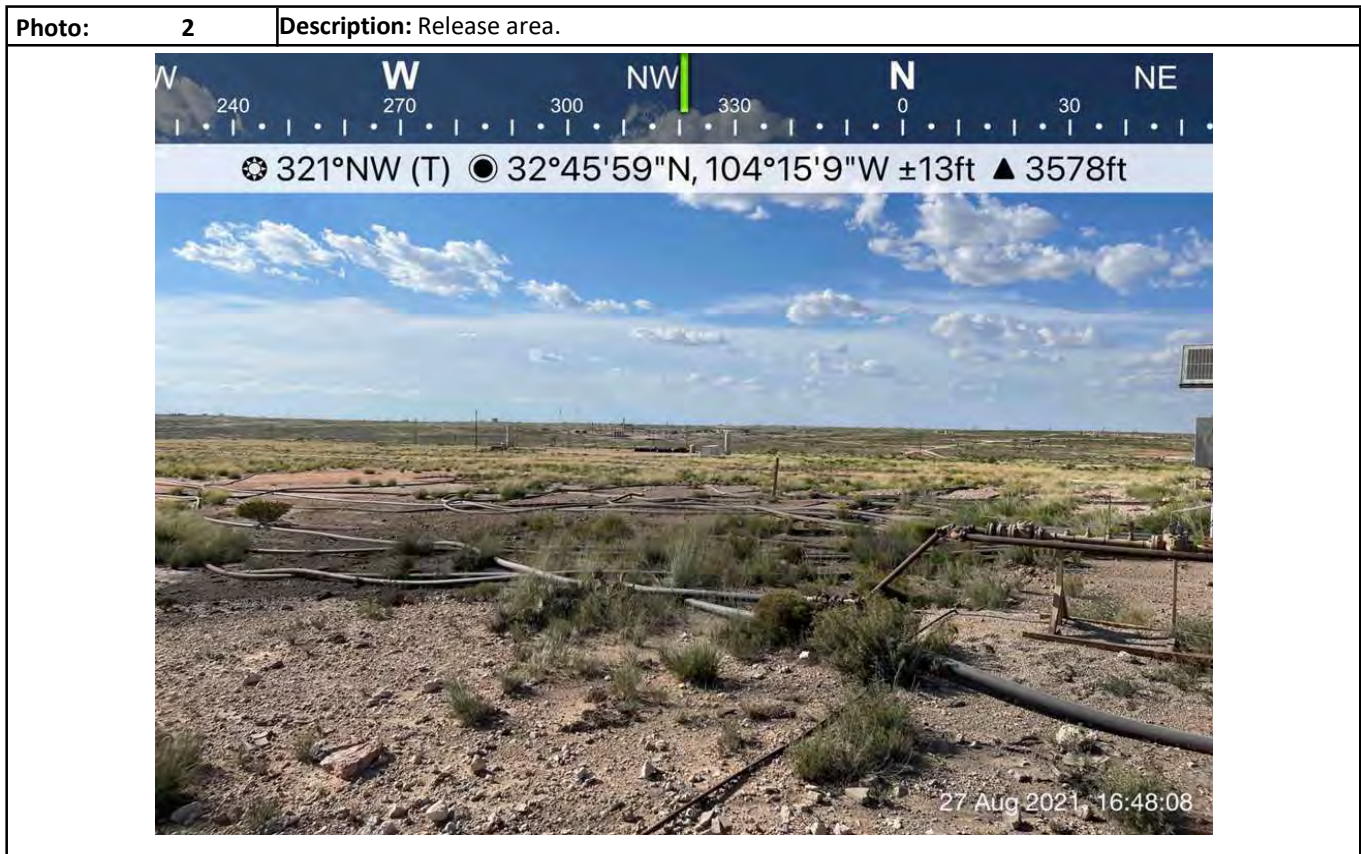
From: Daniel Dominguez
Sent: Friday, October 7, 2022 6:26 AM
To: 'Enviro, OCD, EMNRD'
Subject: Closure Samples

We will be collecting additional closure samples at the Apache EAU (nAPP2124433001) on Tuesday, October 11, 2022 at 7 am. These samples will be from Area 6.
This is our 48 notice.

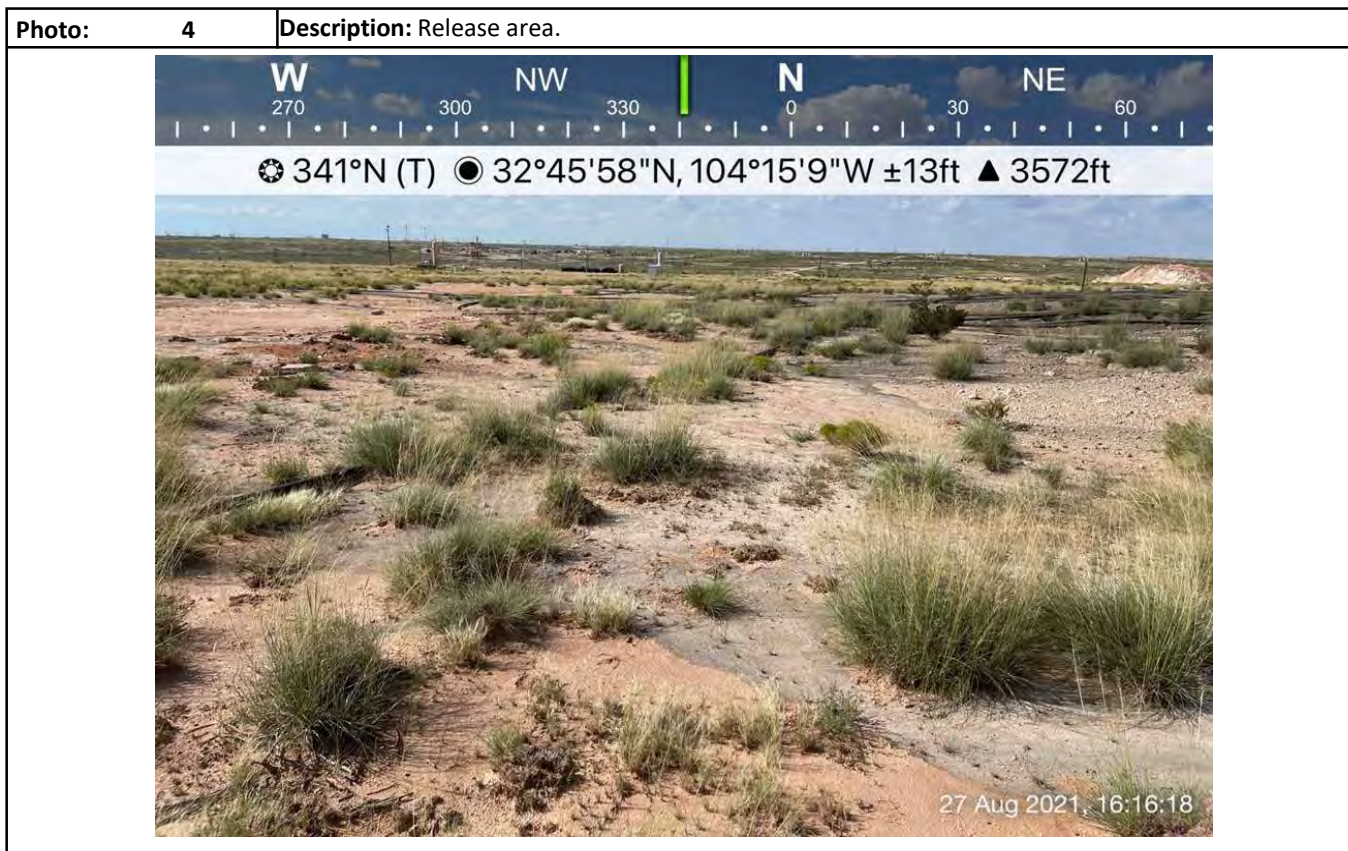
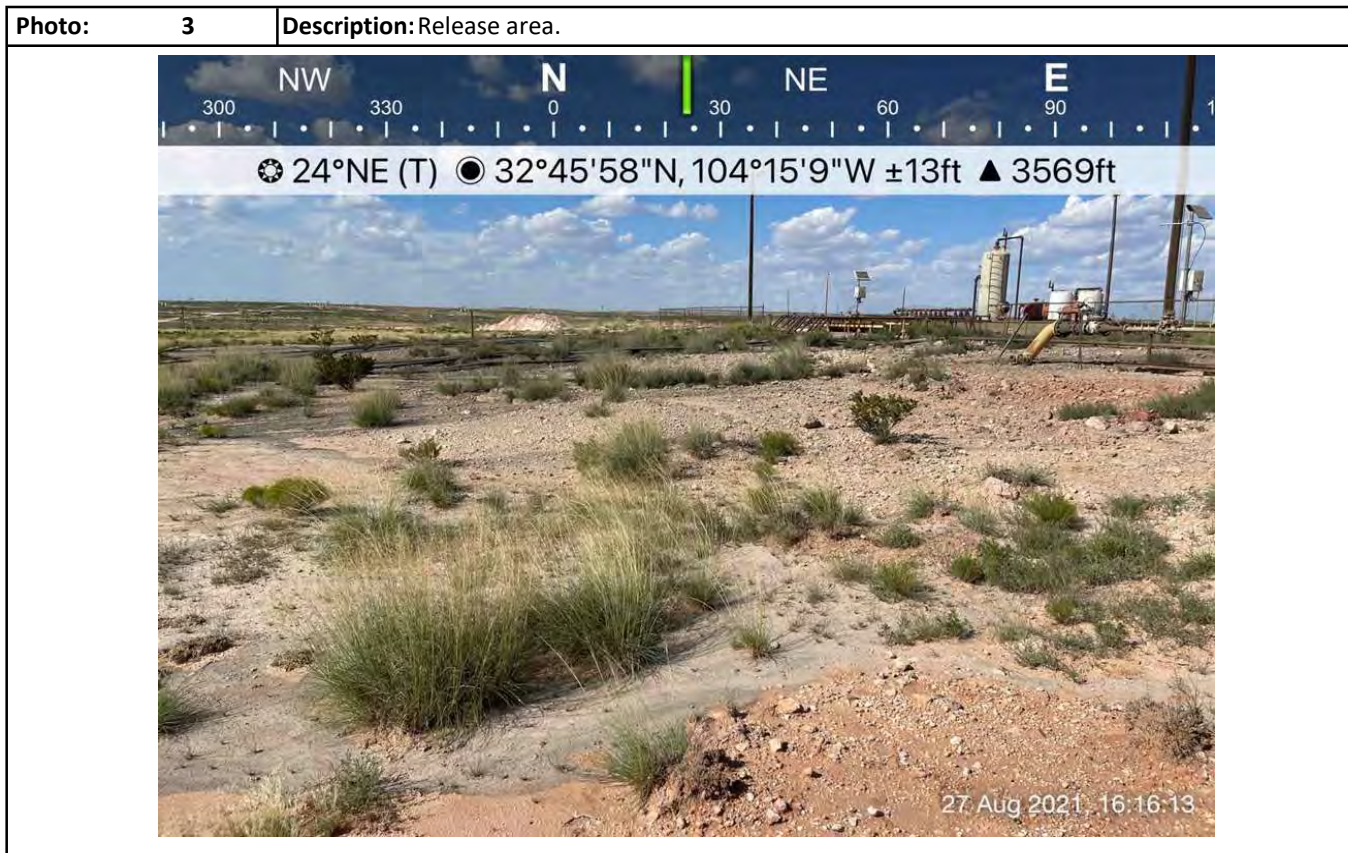
Daniel Dominguez
Environmental Manager
Hungry Horse, LLC
(mobile) 575-408-3134
ddominguez@hungry-horse.com

Attachment III Site Photographs

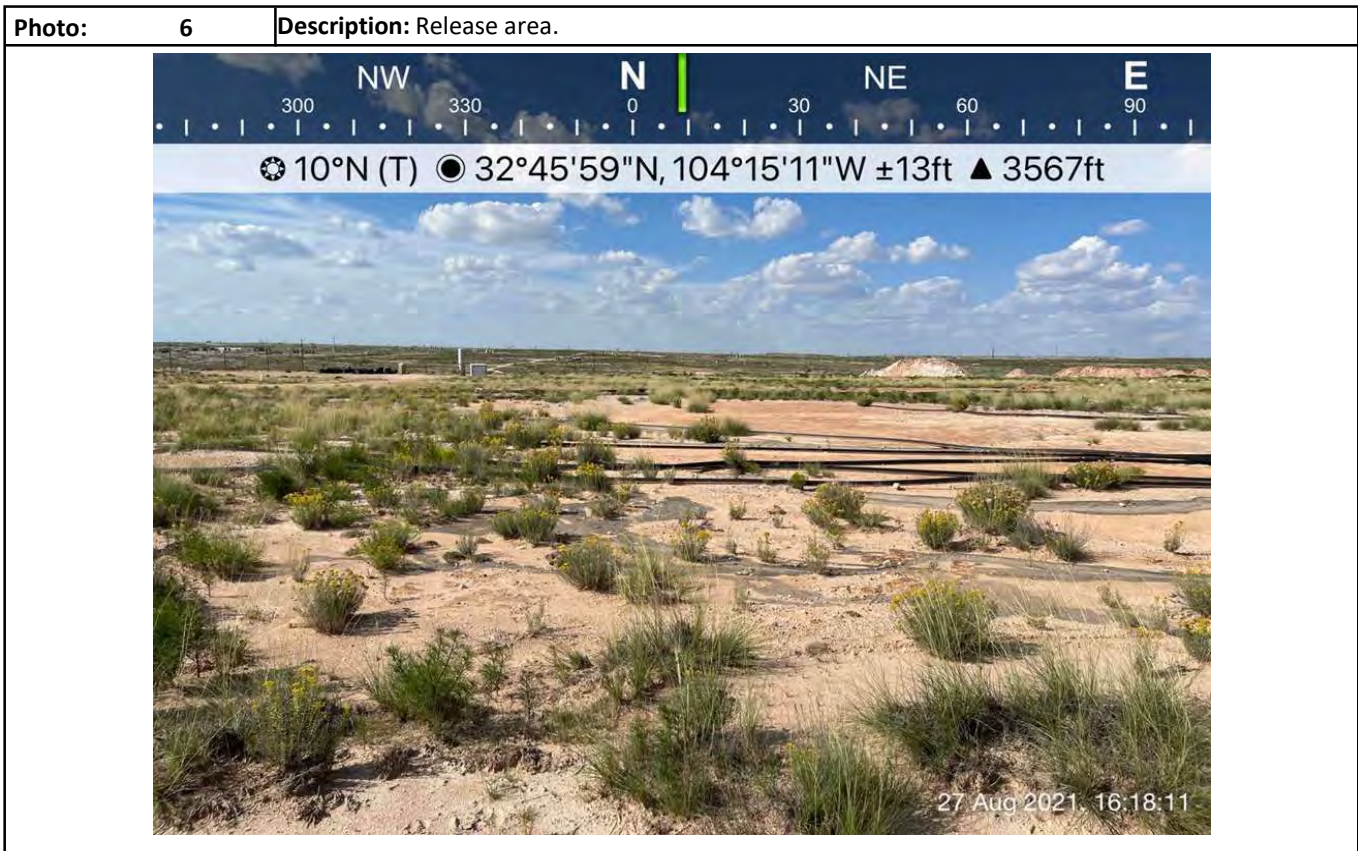
Photographs



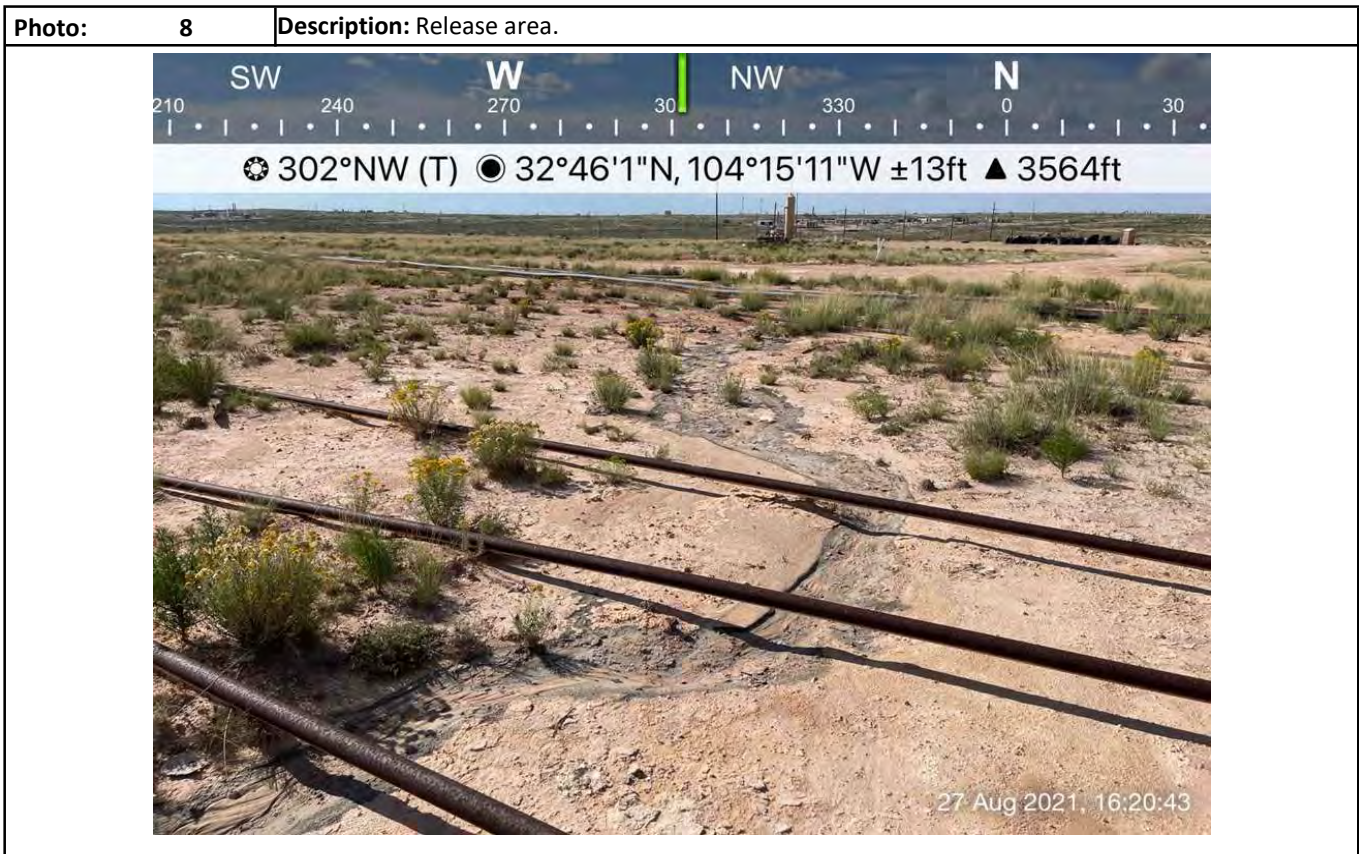
Photographs



Photographs



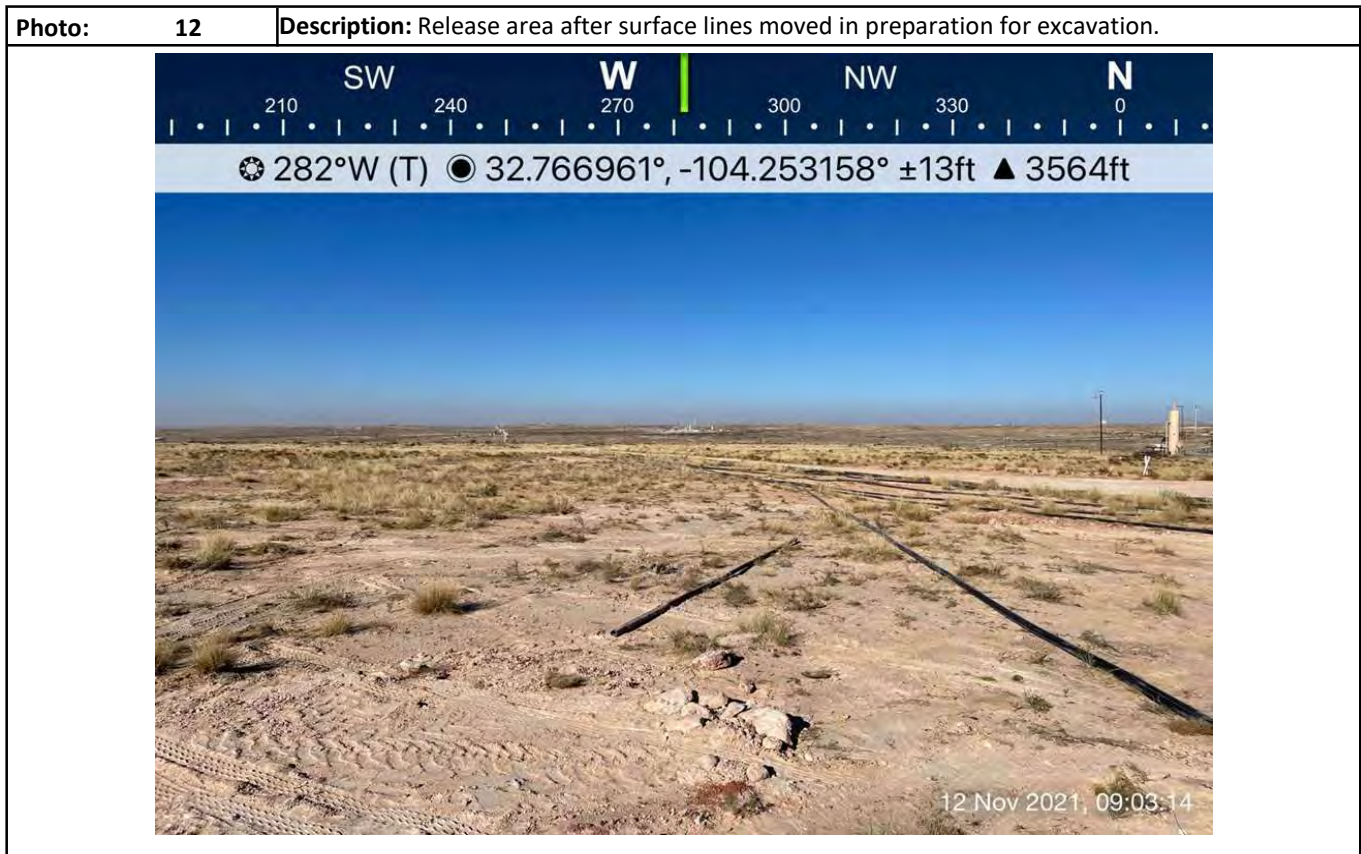
Photographs



Photographs



Photographs



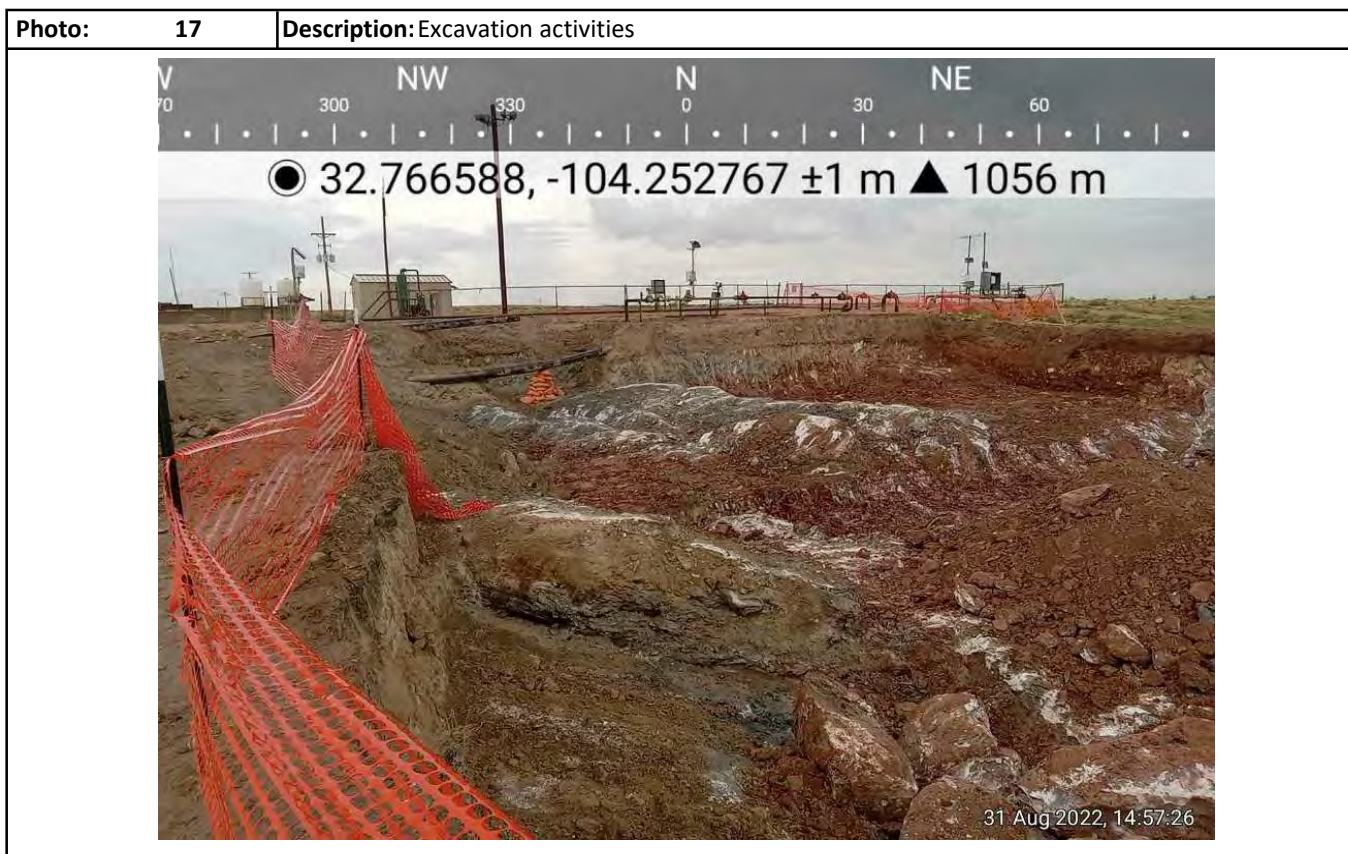
Photographs



Photographs



Photographs



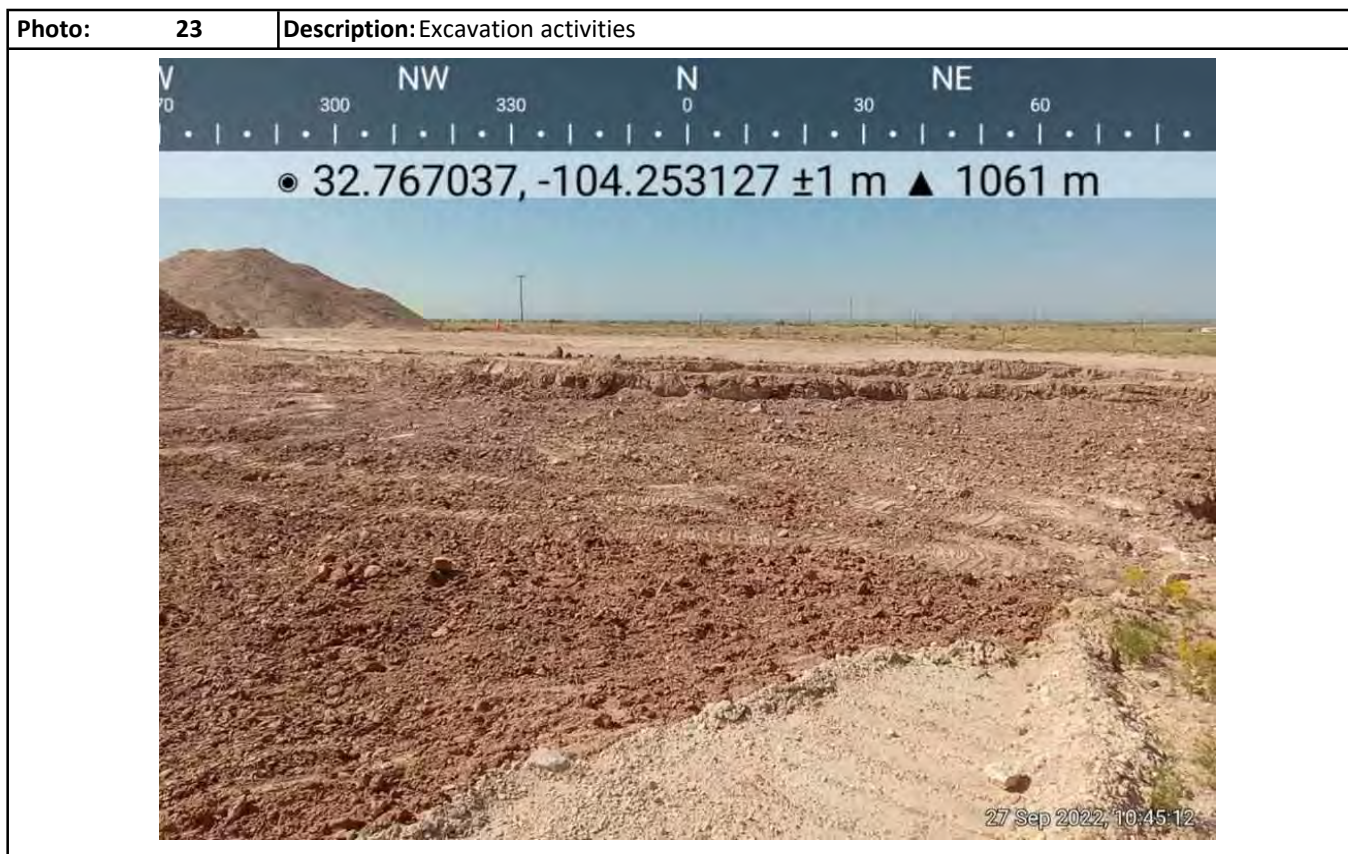
Photographs



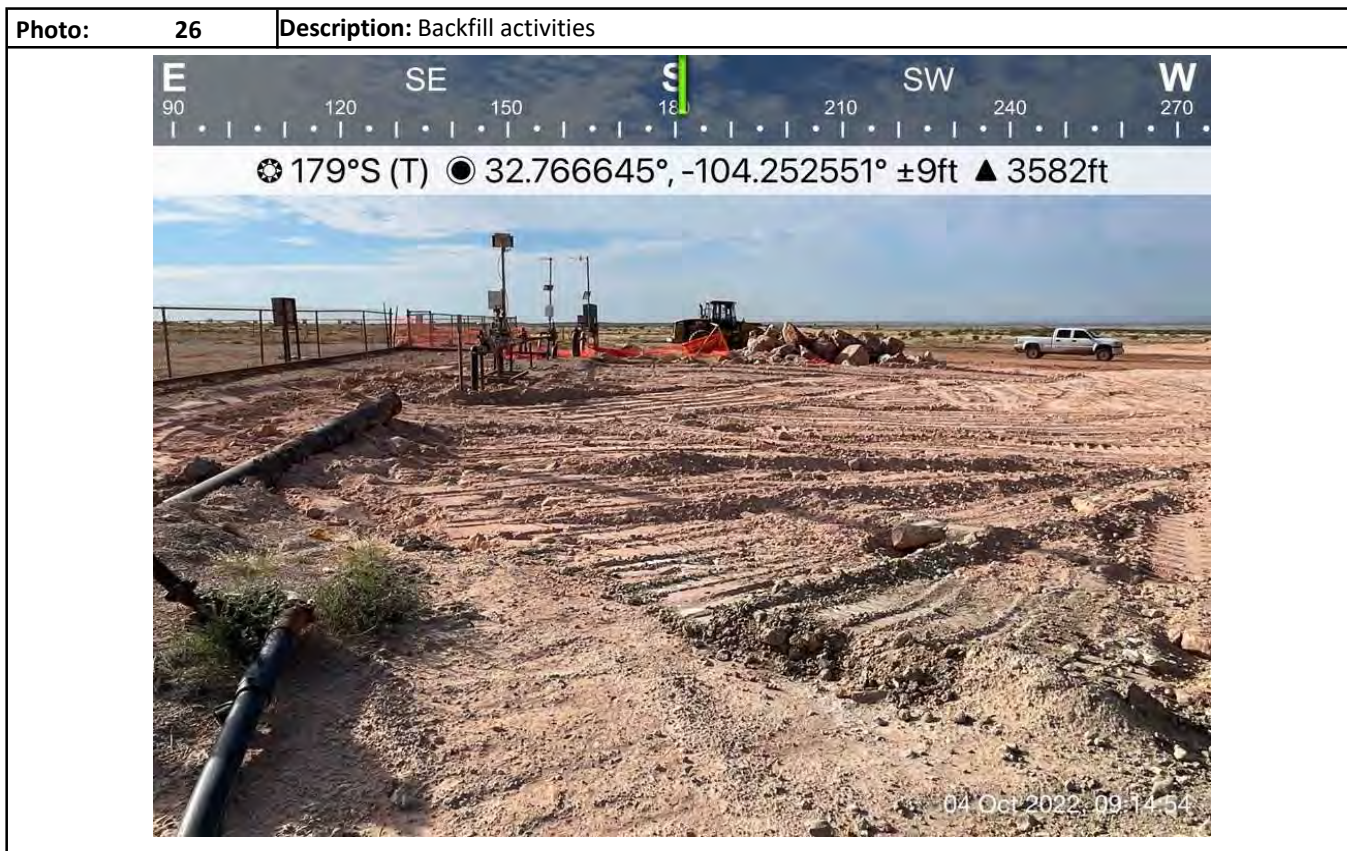
Photographs



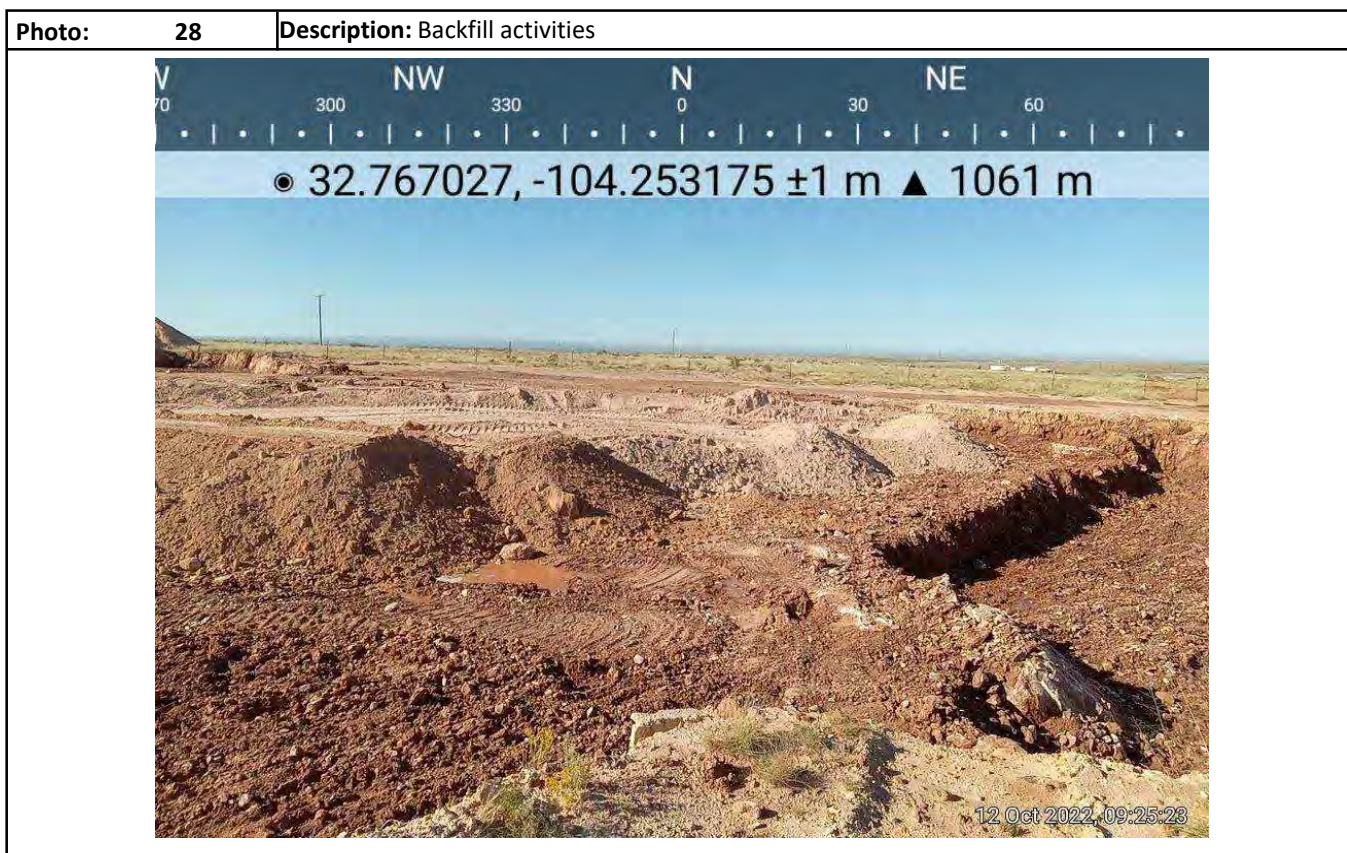
Photographs



Photographs



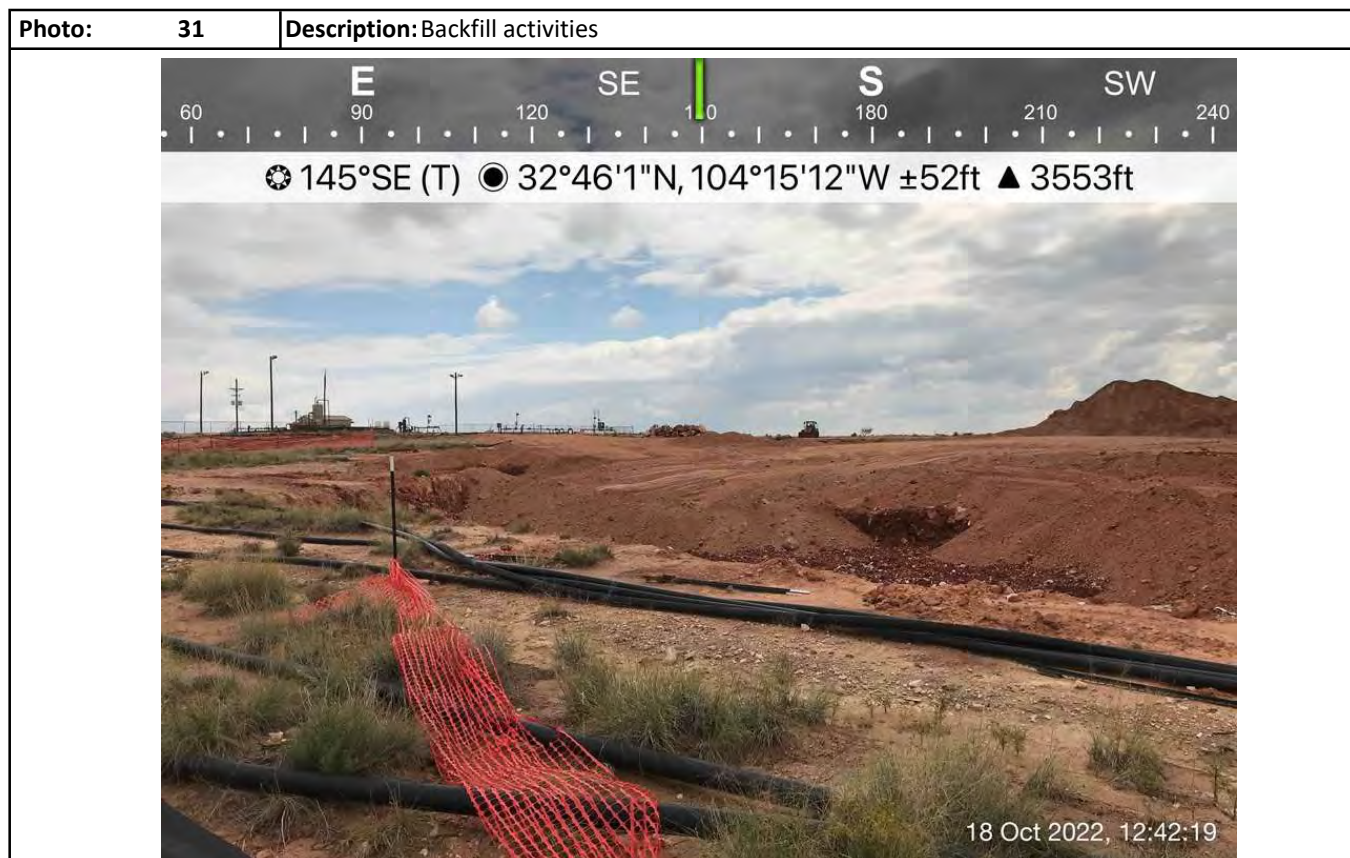
Photographs



Photographs



Photographs



Photographs



Photographs



Photographs



Attachment IV
Depth to Groundwater
Temp MW-1 Construction Log
Figure A – Temp MW-1 Location Map



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

No wells found.

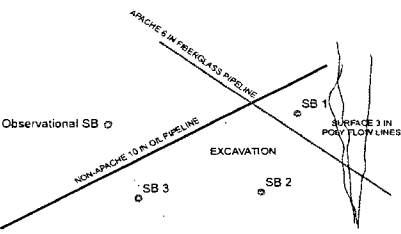

UTMNAD83 Radius Search (in meters):

Easting (X): 570012 Northing (Y): 3625650 Radius: 805

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for particular purpose of the data.

10/27/22 1:44 PM

WELLS WITH WELL LOG INFORMATION

Logger:		Jordan Woodfin							
Driller:		Harrison & Cooper, Inc.							
Drilling Method:		Air rotary							
Start Date:		5/25/2011							
End Date:		5/25/2011		Company: Apache Corporation		Project Name:		Well ID:	
Comments: No samples were taken while this bore was being installed. <u>Temp. MW PLUGGED 7-7-2011</u> DRAFTED BY: L. Weinheimer TD = 100 ft GW = none				Empire Abo Unit M-14-2 AD		Temp MW-1		Project Consultant: RECS	
				Location: UL/N sec. 2 T18S R27E		Lat: 32°46'13.023"N		County: Eddy	
Long: 104°15'8.581"W									

Depth (feet)	chloride field tests	LAB	PID	Description	Lithology	Well Construction
SS						
5 ft						
10 ft						
15 ft						
20 ft						
25 ft						
30 ft						
35 ft						

NO SAMPLES TAKEN

No casing placed in bore

Depth (feet)	chloride field tests	LAB	PID	Description		Lithology		Well Construction			
40 ft											
45 ft											
50 ft											
55 ft											
60 ft											
65 ft											
70 ft											
75 ft											
80 ft											
85 ft											

annular
space left
open

TEMP MW-1
PLUGGED
7/7/2011

Depth (feet)	chloride field tests	LAB	PID	Description		Lithology		Well Construction			
90 ft											
95 ft											
100 ft											

**Figure A**

Temp MW-1 Location Map
Frontier Field Services, LLC
Apache EAU M-14 A
GPS: 32.766513, -104.252503
Eddy County

Legend:

- Release Area
- Temp MW-1 Location

Drafted: dd
Checked: bw
Date: 2/17/22



Attachment V

Field Data

Hungry Horse, LLC

Date: 9-20-21

Latitude: 32.766513

Longitude: -104.252503

Sampler:

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

Hungry Horse, LLC

Sample Log

Date: 10/11/21Project: Apache EAU M-14 ALatitude: 32.766513Longitude: -104.252503Sampler: Bradley Wells

Sample ID	PID/Odor	Chloride Conc.	GPS
Sp1 - 2'	N/A	3.8 = $143 \times 4 = 572$	
4'	N/A	3.8 = $143 \times 4 = 572$	
6'	N/A	2.8 = $85 \times 4 = 340$ Lab	
Sp2 - 2'	N/A	3.8H = $645 \times 4 = 2,580$	
4'	N/A	4.0 = $164 \times 4 = 656$	
6'	N/A	2.8 = $85 \times 4 = 340$ Lab	
Sp3 - 2'	N/A	6.6 = $419 \times 4 = 1676$	
4'	N/A	4.4 = $194 \times 4 = 776$	
4.5'	N/A	6.4 = $393 \times 4 = 1572$ Lab (P)	
Sp4 - 2'	N/A	4.6 = $198 \times 4 = 792$	
4'	N/A	6.4 = $385 \times 4 = 1540$ Lab (P)	
Sp5 - 2'	N/A	5.8 = $310 \times 4 = 1240$	10/12/21
4'	N/A	5.0 = $230 \times 4 = 920$ Lab (P)	
Sp6 - 2'	N/A	5.4 = $267 \times 4 = 1068$	
4'	N/A	4.0 = $198 \times 4 = 792$	
6'	N/A	3.0 = $99 \times 4 = 396$ Lab (P)	
Sp7 - 2'	N/A	3.8 = $143 \times 4 = 572$	
4'	TPH	4.0 = $155 \times 4 = 620$	
6'	TPH	4.4 = $183 \times 4 = 732$ Lab (P)	
Sp8 - 2'	N/A	3.8 = $143 \times 4 = 572$	
4'	N/A	7100 Lab	
Sp9 - 2'	N/A	3.8H = $645 \times 4 = 2580$	
4'	N/A	4.8 = $213 \times 4 = 852$	
6'	N/A	5.8 = $310 \times 4 = 1240$	
8'	N/A	2.8 = $90 \times 4 = 360$ Lab	

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples = SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

Sample Log

Project: Apache EAU M-14 A

Latitude: 32.766513

Longitude: -104.252503

Sampler: Bradley Wells

[illegible]

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Sample Log

Date: 11/19/21

Latitude: 32.766513

Longitude: -104.252503

Sampler: C. Wells

[illegible]

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Sample Log

Sampler: Daniel Dominguez

[illegible]

Stockpile = Stockpile #1

Sample Log

Hungry Horse, LLC

Date: 9/12/22

Project: Apache EAU

Latitude: _____

Longitude: _____

Sampler: J. Valeriano

Sample ID	Depth	PID/Odor	Chloride	GPS
FL 1 Rd 8.5	9'	n/a	$2.8 = 83 \times 4 = 332$	
FL 2 Rd 8.5	9'	n/a	$2.6 = 74 \times 4 = 296$	
FL 3 Rd 8.5	9'	n/a	$1.8 = 43 \times 4 = 172$	
FL 4 Rd 8.5	9'	n/a	$2.0 = 50 \times 4 = 200$	
FL 6 Rd 8.5	9'	n/a	$2.0 = 50 \times 4 = 200$	
FL 7 Rd 8.5	9'	n/a	$2.2 = 57 \times 4 = 228$	
FL 8 Rd 8.5	9'	n/a	$2.0 = 50 \times 4 = 200$	
FL 10 Rd 8.5	9'	n/a	$2.2 = 57 \times 4 = 228$	
FL 11 Rd 8.5	9'	n/a	$2.4 = 65 \times 4 = 260$	
FL 13 Rd 8.5	9'	n/a	$3.0 = 93 \times 4 = 372$	
FL 14 Rd 8.5	9'	n/a	$1.8 = 43 \times 4 = 172$	
FL 16 Rd 8.5	9'	n/a	$2.0 = 50 \times 4 = 200$	
FL 18 Rd 8.5	9'	n/a	$2.0 = 50 \times 4 = 200$	
FL 20 Rd 8.5	9'	n/a	$1.8 = 43 \times 4 = 172$	
FL 23 Rd 8.5	9'	n/a	$2.0 = 50 \times 4 = 200$	
SW 2 Rd 8.5	6'	n/a	$2.0 = 50 \times 4 = 200$	
SW 4 Rd 8.5	6'	n/a	$1.8 = 43 \times 4 = 172$	
SW 7 Rd 8.5	6'	n/a	$2.2 = 57 \times 4 = 228$	

Sample Point = SP1 @ ## etc

Horizontal = HZ1 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R

Resamples = SP1b @ 5' or SW #1b

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Sample Log

Latitude: _____ Longitude: _____ Sampler: J. Valeriano

Stockpile = Stockpile #1

Hungry Horse, LLC

Sample Log

Date: 9/19/22

Project: Apache EAU M-14 A

Latitude: 32.766513

Longitude: -104.252503

Sampler: Eli Dominguez

Sample ID	Depth	PID/Odor	Chloride	GPS
FL 135 Rd 8.5	9'		$6.8 = 440 \times 4 = 1760$	
FL 135 Rd 8.5	9'		$2.0 = 50 \times 4 = 200$	
FL 136 Rd 8.5	9'		$2.6 = 74 \times 4 = 296$	
FL 137 Rd 8.5	9'		$2.0 = 50 \times 4 = 200$	
FL 138 Rd 8.5	9'		$1.8 = 43 \times 4 = 172$	
FL 139 Rd 8.5	9'		$2.8 = 83 \times 4 = 332$	
FL 140 Rd 8.5	9'		$7.8 = 633 \times 4 = 2532$	
FL 140 Rd 8.5	9'		$7.8 = 633 \times 4 = 2532$	
FL 140 Rd 8.5	9'		$2.4 = 65 \times 4 = 260$	
FL 141 Rd 8.5	9'		$4.2 = 166 \times 4 = 664$	
FL 141 Rd 8.5	9'		$1.8 = 43 \times 4 = 172$	
FL 142 Rd 8.5	9'		$1.8 = 43 \times 4 = 172$	
FL 143 Rd 8.5	9'		$6.2 = 357 \times 4 = 1428$	
FL 143 Rd 8.5	9'		$2.0 = 50 \times 4 = 200$	

Sample Point = SP1 @ ## etc

Horizontal = HZ1 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R

Resamples = SP1b @ 5' or SW #1b

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Sample Log

Project: Apache EAU M-14 A

Latitude: 32.766513

Longitude: -104.252503

Sampler: El: Dominguez

Stockpile = Stockpile #1

Sample Log

Date: 9/21/22

Latitude: 32.766513

Longitude: -104.252503

Sampler:

[illegible]

Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

Hungry Horse, LLC

Sample Log

Date: 9/21/22Project: Apache EAU M-14 ALatitude: 32.766513Longitude: -104.252503

Sampler: _____

Sample ID	Depth	PID/Odor	Chloride	GPS
FL 8b	11'	N/A	$2.2 = 57 \times 4 = 228$	
FL 9b	11'	N/A	$2.2 = 57 \times 4 = 228$	
FL 10b	11'	N/A	$3.6 = 127 \times 4 = 508$	
FL 11b	11'	N/A	$3.6 = 127 \times 4 = 508$	
FL 12b	11'	N/A	$0.5 \times 1000 = 50$	
	11'	N/A	$1.8 = 43 \times 4 = 172$	
FL 13b	11'	N/A	$1.8 = 43 \times 4 = 172$	
FL 14b	11'	N/A	$2.0 = 50 \times 4 = 200$	
FL 15b	11'	N/A	$2.0 = 50 \times 4 = 200$	
FL 16b	11'	N/A	$2.0 = 50 \times 4 = 200$	
FL 17b	11'	N/A	$2.2 = 57 \times 4 = 228$	
FL 18b	11'	N/A	$1.8 = 43 \times 4 = 172$	
FL 19b	11'	N/A	$2.0 = 50 \times 4 = 200$	

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples = SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

Hungry Horse, LLC

Sample Log

Date: 9/22/22

Project: Apache EAU M-14 A

Latitude: 32.766513

Longitude: -104.252503

Sampler: J. Valeriano

[illegible]

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

Hungry Horse, LLC

Sample Log

Date: 9/30/22Project: Apache EAU M-14 ALatitude: 32.766513Longitude: -104.252503Sampler: J. Valeriano / E. Dominguez

Sample ID	Depth	PID/Odor	Chloride	GPS
FL 42	7'	N/A	$1.8 = 43 \times 4 = 172$	
FL 45	7'	N/A	$2.6 = 74 \times 4 = 296$	
FL 49	7'	N/A	$1.8 = 43 \times 4 = 172$	
FL 51	7'	N/A	$1.6 = 36 \times 4 = 144$	
FL 54	7'	N/A	>100	
FL 57	7'	N/A	$1.6 = 36 \times 4 = 144$	
FL 61	7'	N/A	$2.0 = 50 \times 4 = 200$	
FL 65	7'	N/A	$2.6 = 74 \times 4 = 296$	
FL 68	7'	N/A	$2.2 = 57 \times 4 = 228$	
FL 71	7'	N/A	$1.6 = 36 \times 4 = 144$	
FL 74	7'	N/A	$2.2 = 57 \times 4 = 228$	
FL 78	7'	N/A	$1.4 = 30 \times 4 = 120$	
FL 81	7'	N/A	$1.4 = 30 \times 4 = 120$	

Sample Point = SP1 @ ## etc

Horizontal = HZ1 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R

Resamples = SP1b @ 5' or SW #1b

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Hungry Horse, LLC

Sample Log

Date: 9/30/22

Project: Apache EAU M-14 A

Latitude: 32.766513Longitude: -104.252503Sampler: J. Valeriano / E. Dominguez

Sample ID	Depth	PID/Odor	Chloride	GPS
FL 87	8'	N/A	$1.8 = 43 \times 4 = 172$	
FL 93	8'	N/A	$2.0 = 50 \times 4 = 200$	
FL 100	8'	N/A	$2.0 = 50 \times 4 = 200$	
FL 107	8'	N/A	$1.6 = 36 \times 4 = 144$	
FL 111	8'	N/A	$1.6 = 36 \times 4 = 144$	
FL 116	8'	N/A	$2.8 = 83 \times 4 = 332$	
FL 121	8'	N/A	$1.6 = 36 \times 4 = 144$	
FL 139	8'	N/A	$1.4 = 30 \times 4 = 120$	
FL 134	8'	N/A	$1.8 = 43 \times 4 = 172$	
SW 13	5'	N/A	$2.2 = 57 \times 4 = 228$	
SW 17	5'	N/A	$2.0 = 50 \times 4 = 200$	
SW 19	5'	N/A	$2.4 = 65 \times 4 = 260$	
SW 21	5'	N/A	$2.0 = 50 \times 4 = 200$	
SW 24	5'	N/A	$2.0 = 50 \times 4 = 200$	
SW 25	5'	N/A	$2.2 = 57 \times 4 = 228$	
FL 113	8'	N/A	$2.0 = 50 \times 4 = 200$	
FL 98	8'	N/A	$2.0 = 50 \times 4 = 200$	

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples = SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

Sample Log

Hungry Horse, LLC

Date: 10/6/22Project: Apache EAU M-14 ALatitude: 32.766513Longitude: -104.252503Sampler: Jorge Valeriano / Eli Dominguez

Sample ID	Depth	PID/Odor	Chloride	GPS
FL 163	7'	N/A	$2.2 = 57 \times 4 = 228$	
FL 165	7'	N/A	$2.0 = 50 \times 4 = 200$	
FL 166 167	7'	N/A	$1.8 = 43 \times 4 = 172$	
FL 169	7'	N/A	$2.4 = 65 \times 4 = 260$	
FL 171	7'	N/A	$1.6 = 36 \times 4 = 144$	
FL 173	7'	N/A	$2.2 = 57 \times 4 = 228$	
FL 175	7'	N/A	$2.0 = 50 \times 4 = 200$	
FL 177	7'	N/A	$1.6 = 36 \times 4 = 144$	
FL 179	7'	N/A	$2.4 = 65 \times 4 = 260$	
FL 181	7'	N/A	$1.8 = 43 \times 4 = 172$	
FL 183	7'	N/A	$2.0 = 50 \times 4 = 200$	
FL 185	7'	N/A	$2.2 = 57 \times 4 = 228$	
FL 187	7'	N/A	$2.6 = 74 \times 4 = 296$	
FL 189	7'	N/A	$1.6 = 36 \times 4 = 144$	
SW 39	5'	N/A	$2.0 = 50 \times 4 = 200$	
SW 41	5'	N/A	$1.8 = 43 \times 4 = 172$	
SW 43	5'	N/A	$2.2 = 57 \times 4 = 228$	
SW 45	5'	N/A	$1.6 = 36 \times 4 = 144$	
SW 47	5'	N/A	$2.4 = 65 \times 4 = 260$	
SW 49	5'	N/A	$2.0 = 50 \times 4 = 200$	
SW 50	5'	N/A	$1.8 = 43 \times 4 = 172$	

Sample Point = SP1 @ ## etc

Horizontal = HZ1 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R

Resamples = SP1b @ 5' or SW #1b

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Hungry Horse, LLC

Sample Log

Date: 10/11/22

Project: Apache EAU M-14 A

Latitude: 32.766513

Longitude: -104.252503

Sampler: _____

Sample ID	Depth	PID/Odor	Chloride	GPS
FL 150	5'	N/A	1.4 = 30 x 4 = 120	
FL 151	5'	N/A	1.6 = 36 x 4 = 144	
FL 152	5'	N/A	2.4 = 65 x 4 = 260	
FL 153	5'	N/A	2.2 = 57 x 4 = 228	
FL 154	5'	N/A	1.8 = 43 x 4 = 172	
FL 155	5'	N/A	2.0 = 50 x 4 = 200	
FL 156	5'	N/A	2.0 = 50 x 4 = 200	
FL 157	5'	N/A	1.8 = 43 x 4 = 172	
FL 158	5'	N/A	2.8 = 83 x 4 = 332	
FL 158	5'	N/A	2.0 = 50 x 4 = 200	
FL 159	5'	N/A	2.8 = 83 x 4 = 332	
FL 160	5'	N/A	2.6 = 74 x 4 = 296	
FL 161	5'	N/A	2.4 = 65 x 4 = 260	
FL 162	5'	N/A	2.4 = 65 x 4 = 260	
SW 35	5'	N/A	2.2 = 57 x 4 = 228	
SW 36	5'	N/A	2.8 = 83 x 4 = 332	
SW 37	5'	N/A	2.6 = 74 x 4 = 296	
SW 38	5'	N/A	2.6 = 74 x 4 = 296	

Sample Point = SP1 @ ## etc

Horizontal = HZ1 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R

Resamples = SP1b @ 5' or SW #1b

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Attachment VI

Laboratory Analytical Reports

Report to:

Daniel Dominguez



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Durango Midstream

Project Name: Apache EAU M-14 A

Work Order: E109087

Job Number: 21080-0001

Received: 9/22/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/28/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 9/28/21



Daniel Dominguez
10077 Grogans Mill Rd Ste 300
The Woodlands, TX 77380

Project Name: Apache EAU M-14 A
Workorder: E109087
Date Received: 9/22/2021 4:30:00PM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/22/2021 4:30:00PM, under the Project Name: Apache EAU M-14 A.

The analytical test results summarized in this report with the Project Name: Apache EAU M-14 A apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

Durango Midstream	Project Name:	Apache EAU M-14 A	Reported: 09/28/21 14:42
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	
The Woodlands TX, 77380	Project Manager:	Daniel Dominguez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1 Surf	E109087-01A	Soil	09/20/21	09/22/21	Glass Jar, 4 oz.
SP2 Surf	E109087-02A	Soil	09/20/21	09/22/21	Glass Jar, 4 oz.
SP3 Surf	E109087-03A	Soil	09/20/21	09/22/21	Glass Jar, 4 oz.
SP4 Surf	E109087-04A	Soil	09/20/21	09/22/21	Glass Jar, 4 oz.
SP5 Surf	E109087-05A	Soil	09/20/21	09/22/21	Glass Jar, 4 oz.
SP6 Surf	E109087-06A	Soil	09/20/21	09/22/21	Glass Jar, 4 oz.
SP7 Surf	E109087-07A	Soil	09/20/21	09/22/21	Glass Jar, 4 oz.
SP8 Surf	E109087-08A	Soil	09/20/21	09/22/21	Glass Jar, 4 oz.
SP9 Surf	E109087-09A	Soil	09/20/21	09/22/21	Glass Jar, 4 oz.
SP10 Surf	E109087-10A	Soil	09/20/21	09/22/21	Glass Jar, 4 oz.



Sample Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 9/28/2021 2:42:23PM
---	--	---

SP1 Surf

E109087-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2140001	
Benzene	ND	0.0250	1	09/27/21	09/27/21	
Ethylbenzene	ND	0.0250	1	09/27/21	09/27/21	
Toluene	ND	0.0250	1	09/27/21	09/27/21	
o-Xylene	ND	0.0250	1	09/27/21	09/27/21	
p,m-Xylene	ND	0.0500	1	09/27/21	09/27/21	
Total Xylenes	ND	0.0250	1	09/27/21	09/27/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.3 %	70-130		09/27/21	09/27/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2140001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/21	09/27/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.7 %	70-130		09/27/21	09/27/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2140009	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/21	09/27/21	
Oil Range Organics (C28-C36)	57.5	50.0	1	09/27/21	09/27/21	
<i>Surrogate: n-Nonane</i>	88.3 %	50-200		09/27/21	09/27/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2140008	
Chloride	2560	200	10	09/27/21	09/27/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
9/28/2021 2:42:23PM

SP2 Surf

E109087-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2140001
Benzene	ND	0.0250	1	09/27/21	09/27/21	
Ethylbenzene	ND	0.0250	1	09/27/21	09/27/21	
Toluene	ND	0.0250	1	09/27/21	09/27/21	
o-Xylene	ND	0.0250	1	09/27/21	09/27/21	
p,m-Xylene	ND	0.0500	1	09/27/21	09/27/21	
Total Xylenes	ND	0.0250	1	09/27/21	09/27/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	09/27/21	09/27/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2140001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/21	09/27/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.1 %	70-130	09/27/21	09/27/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2140009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/21	09/27/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/21	09/27/21	
<i>Surrogate: n-Nonane</i>						
		96.1 %	50-200	09/27/21	09/27/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2140008
Chloride	61100	2000	100	09/27/21	09/27/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
9/28/2021 2:42:23PM

SP3 Surf

E109087-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2140001
Benzene	ND	0.0250	1	09/27/21	09/27/21	
Ethylbenzene	ND	0.0250	1	09/27/21	09/27/21	
Toluene	ND	0.0250	1	09/27/21	09/27/21	
o-Xylene	ND	0.0250	1	09/27/21	09/27/21	
p,m-Xylene	ND	0.0500	1	09/27/21	09/27/21	
Total Xylenes	ND	0.0250	1	09/27/21	09/27/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		09/27/21	09/27/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2140001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/21	09/27/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.0 %	70-130		09/27/21	09/27/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2140009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/21	09/27/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/21	09/27/21	
<i>Surrogate: n-Nonane</i>						
	90.7 %	50-200		09/27/21	09/27/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2140008
Chloride	44400	2000	100	09/27/21	09/27/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
9/28/2021 2:42:23PM

SP4 Surf

E109087-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2140001
Benzene	ND	0.0250	1	09/27/21	09/27/21	
Ethylbenzene	ND	0.0250	1	09/27/21	09/27/21	
Toluene	ND	0.0250	1	09/27/21	09/27/21	
o-Xylene	ND	0.0250	1	09/27/21	09/27/21	
p,m-Xylene	ND	0.0500	1	09/27/21	09/27/21	
Total Xylenes	ND	0.0250	1	09/27/21	09/27/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	09/27/21	09/27/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2140001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/21	09/27/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.9 %	70-130	09/27/21	09/27/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2140009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/21	09/27/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/21	09/27/21	
<i>Surrogate: n-Nonane</i>						
		100 %	50-200	09/27/21	09/27/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2140008
Chloride	26900	2000	100	09/27/21	09/27/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
9/28/2021 2:42:23PM

SP5 Surf

E109087-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2140001	
Benzene	ND	0.0250	1	09/27/21	09/27/21	
Ethylbenzene	ND	0.0250	1	09/27/21	09/27/21	
Toluene	ND	0.0250	1	09/27/21	09/27/21	
o-Xylene	ND	0.0250	1	09/27/21	09/27/21	
p,m-Xylene	ND	0.0500	1	09/27/21	09/27/21	
Total Xylenes	ND	0.0250	1	09/27/21	09/27/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		09/27/21	09/27/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2140001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/21	09/27/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.0 %	70-130		09/27/21	09/27/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2140009	
Diesel Range Organics (C10-C28)	73.9	25.0	1	09/27/21	09/27/21	
Oil Range Organics (C28-C36)	126	50.0	1	09/27/21	09/27/21	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		09/27/21	09/27/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2140008	
Chloride	983	400	20	09/27/21	09/27/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
9/28/2021 2:42:23PM

SP6 Surf

E109087-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2140001
Benzene	ND	0.0250	1	09/27/21	09/27/21	
Ethylbenzene	ND	0.0250	1	09/27/21	09/27/21	
Toluene	ND	0.0250	1	09/27/21	09/27/21	
o-Xylene	ND	0.0250	1	09/27/21	09/27/21	
p,m-Xylene	ND	0.0500	1	09/27/21	09/27/21	
Total Xylenes	ND	0.0250	1	09/27/21	09/27/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	09/27/21	09/27/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2140001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/21	09/27/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		84.8 %	70-130	09/27/21	09/27/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2140009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/21	09/27/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/21	09/27/21	
<i>Surrogate: n-Nonane</i>						
		91.1 %	50-200	09/27/21	09/27/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2140008
Chloride	35600	2000	100	09/27/21	09/27/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
9/28/2021 2:42:23PM

SP7 Surf

E109087-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2140001	
Benzene	ND	0.0250	1	09/27/21	09/28/21	
Ethylbenzene	ND	0.0250	1	09/27/21	09/28/21	
Toluene	ND	0.0250	1	09/27/21	09/28/21	
o-Xylene	ND	0.0250	1	09/27/21	09/28/21	
p,m-Xylene	ND	0.0500	1	09/27/21	09/28/21	
Total Xylenes	ND	0.0250	1	09/27/21	09/28/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	09/27/21	09/28/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2140001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/21	09/28/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		85.9 %	70-130	09/27/21	09/28/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2140009	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/21	09/27/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/21	09/27/21	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	09/27/21	09/27/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2140008	
Chloride	8420	1000	50	09/27/21	09/27/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
9/28/2021 2:42:23PM

SP8 Surf

E109087-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2140001
Benzene	ND	0.0250	1	09/27/21	09/28/21	
Ethylbenzene	ND	0.0250	1	09/27/21	09/28/21	
Toluene	ND	0.0250	1	09/27/21	09/28/21	
o-Xylene	ND	0.0250	1	09/27/21	09/28/21	
p,m-Xylene	ND	0.0500	1	09/27/21	09/28/21	
Total Xylenes	ND	0.0250	1	09/27/21	09/28/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	09/27/21	09/28/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2140001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/21	09/28/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.2 %	70-130	09/27/21	09/28/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2140009
Diesel Range Organics (C10-C28)	51.7	25.0	1	09/27/21	09/27/21	
Oil Range Organics (C28-C36)	97.8	50.0	1	09/27/21	09/27/21	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	09/27/21	09/27/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2140008
Chloride	15700	1000	50	09/27/21	09/28/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
9/28/2021 2:42:23PM

SP9 Surf

E109087-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2140001
Benzene	ND	0.0250	1	09/27/21	09/28/21	
Ethylbenzene	ND	0.0250	1	09/27/21	09/28/21	
Toluene	ND	0.0250	1	09/27/21	09/28/21	
o-Xylene	ND	0.0250	1	09/27/21	09/28/21	
p,m-Xylene	ND	0.0500	1	09/27/21	09/28/21	
Total Xylenes	ND	0.0250	1	09/27/21	09/28/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	09/27/21	09/28/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2140001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/21	09/28/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		82.7 %	70-130	09/27/21	09/28/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2140009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/21	09/28/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/21	09/28/21	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	09/27/21	09/28/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2140008
Chloride	6360	1000	50	09/27/21	09/28/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
9/28/2021 2:42:23PM

SP10 Surf

E109087-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2140001
Benzene	ND	0.0250	1	09/27/21	09/28/21	
Ethylbenzene	ND	0.0250	1	09/27/21	09/28/21	
Toluene	ND	0.0250	1	09/27/21	09/28/21	
o-Xylene	ND	0.0250	1	09/27/21	09/28/21	
p,m-Xylene	ND	0.0500	1	09/27/21	09/28/21	
Total Xylenes	ND	0.0250	1	09/27/21	09/28/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	09/27/21	09/28/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2140001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/21	09/28/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.1 %	70-130	09/27/21	09/28/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2140009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/21	09/28/21	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/21	09/28/21	
<i>Surrogate: n-Nonane</i>						
		95.5 %	50-200	09/27/21	09/28/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2140008
Chloride	3960	400	20	09/27/21	09/28/21	



QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 9/28/2021 2:42:23PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2140001-BLK1)

Prepared: 09/27/21 Analyzed: 09/27/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.2	70-130			

LCS (2140001-BS1)

Prepared: 09/27/21 Analyzed: 09/27/21

Benzene	4.74	0.0250	5.00		94.7	70-130			
Ethylbenzene	4.79	0.0250	5.00		95.9	70-130			
Toluene	4.90	0.0250	5.00		98.0	70-130			
o-Xylene	4.88	0.0250	5.00		97.6	70-130			
p,m-Xylene	9.74	0.0500	10.0		97.4	70-130			
Total Xylenes	14.6	0.0250	15.0		97.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.99		8.00		99.9	70-130			

Matrix Spike (2140001-MS1)

Source: E109087-01

Prepared: 09/27/21 Analyzed: 09/27/21

Benzene	4.66	0.0250	5.00	ND	93.3	54-133			
Ethylbenzene	4.74	0.0250	5.00	ND	94.7	61-133			
Toluene	4.84	0.0250	5.00	ND	96.8	61-130			
o-Xylene	4.83	0.0250	5.00	ND	96.5	63-131			
p,m-Xylene	9.63	0.0500	10.0	ND	96.3	63-131			
Total Xylenes	14.5	0.0250	15.0	ND	96.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.28		8.00		104	70-130			

Matrix Spike Dup (2140001-MSD1)

Source: E109087-01

Prepared: 09/27/21 Analyzed: 09/27/21

Benzene	4.72	0.0250	5.00	ND	94.3	54-133	1.16	20	
Ethylbenzene	4.77	0.0250	5.00	ND	95.5	61-133	0.793	20	
Toluene	4.88	0.0250	5.00	ND	97.7	61-130	0.868	20	
o-Xylene	4.86	0.0250	5.00	ND	97.3	63-131	0.783	20	
p,m-Xylene	9.71	0.0500	10.0	ND	97.1	63-131	0.790	20	
Total Xylenes	14.6	0.0250	15.0	ND	97.1	63-131	0.788	20	
Surrogate: 4-Bromochlorobenzene-PID	8.28		8.00		104	70-130			



QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Project Number: Project Manager:	Apache EAU M-14 A 21080-0001 Daniel Dominguez	Reported: 9/28/2021 2:42:23PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2140001-BLK1)

Prepared: 09/27/21 Analyzed: 09/27/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130			

LCS (2140001-BS2)

Prepared: 09/27/21 Analyzed: 09/27/21

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

Matrix Spike (2140001-MS2)

Source: E109087-01

Prepared: 09/27/21 Analyzed: 09/27/21

Gasoline Range Organics (C6-C10)	51.5	20.0	50.0	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.03		8.00		87.9	70-130			

Matrix Spike Dup (2140001-MSD2)

Source: E109087-01

Prepared: 09/27/21 Analyzed: 09/27/21

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.4	70-130	3.59	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.99		8.00		87.3	70-130			



QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 9/28/2021 2:42:23PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2140009-BLK1)

Prepared: 09/27/21 Analyzed: 09/27/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.5		50.0		98.9	50-200			

LCS (2140009-BS1)

Prepared: 09/27/21 Analyzed: 09/27/21

Diesel Range Organics (C10-C28)	460	25.0	500		92.0	38-132			
Surrogate: n-Nonane	43.2		50.0		86.5	50-200			

Matrix Spike (2140009-MS1)

Source: E109087-04

Prepared: 09/27/21 Analyzed: 09/27/21

Diesel Range Organics (C10-C28)	465	25.0	500	ND	93.1	38-132			
Surrogate: n-Nonane	46.0		50.0		92.0	50-200			

Matrix Spike Dup (2140009-MSD1)

Source: E109087-04

Prepared: 09/27/21 Analyzed: 09/27/21

Diesel Range Organics (C10-C28)	482	25.0	500	ND	96.4	38-132	3.46	20	
Surrogate: n-Nonane	47.0		50.0		93.9	50-200			



QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 9/28/2021 2:42:23PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2140008-BLK1)

Prepared: 09/27/21 Analyzed: 09/27/21

Chloride ND 20.0

LCS (2140008-BS1)

Prepared: 09/27/21 Analyzed: 09/27/21

Chloride 241 20.0 250 96.5 90-110

Matrix Spike (2140008-MS1)

Source: E109051-01

Prepared: 09/27/21 Analyzed: 09/27/21

Chloride 286 20.0 250 43.8 96.7 80-120

Matrix Spike Dup (2140008-MSD1)

Source: E109051-01

Prepared: 09/27/21 Analyzed: 09/27/21

Chloride 288 20.0 250 43.8 97.5 80-120 0.736 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Durango Midstream	Project Name:	Apache EAU M-14 A	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Daniel Dominguez	09/28/21 14:42

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client: Durango Midstream		Bill To		Lab Use Only				TAT				EPA Program	
Project: Apache EAU M-14 A		Attention: Harley Everhart		Lab WO# PE 1691087		Job Number 21080-0001		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Daniel Dominguez		Address: 47 Conoco Rd.		City, State, Zip: Maljamar, NM 88264		Analysis and Method					X		
Address: 4024 Plains Hwy		Phone: 575-513-4922		Email: heverhart@durangomidstream.com									RCRA
City, State, Zip: Lovington, NM, 88260													
Phone: 575 393-3386													
Email: ddominguez@hungry-horse.com													
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			State	NM	CO	UT	AZ	TX	Remarks
	20-Sep	Soil	1	SP1	Surf	1									X										
	20-Sep	Soil	1	SP2	Surf	2									X										
	20-Sep	Soil	1	SP3	Surf	3									X										
	20-Sep	Soil	1	SP4	Surf	4									X										
	20-Sep	Soil	1	SP5	Surf	5									X										
	20-Sep	Soil	1	SP6	Surf	6									X										
	20-Sep	Soil	1	SP7	Surf	7									X										
	20-Sep	Soil	1	SP8	Surf	8									X										
	20-Sep	Soil	1	SP9	Surf	9									X										
	20-Sep	Soil	1	SP10	Surf	10									X										

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 9/23/2021 4:00:46PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Durango Midstream	Date Received:	09/22/21 16:30	Work Order ID:	E109087
Phone:	(575) 393-3386	Date Logged In:	09/23/21 13:59	Logged In By:	Jessica Liesse
Email:	ddominguez@hungry-horse.com	Due Date:	09/28/21 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: FedEx**Comments/Resolution**

COC is missing relinquished by signature from client. Email has been sent requesting signature.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Project Information

Chain of Custody

Page 1 of 1

Client: Durango Midstream				Bill To			Lab Use Only				TAT				EPA Program	
Project: Apache EAU M-14 A				Attention: Harley Everhart			Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Daniel Dominguez				Address: 47 Conoco Rd.			PE 161087		21080-0001					X		
Address: 4024 Plains Hwy				City, State, Zip: Maljamar, NM 88264			Am 9/22/21		Analysis and Method						RCRA	
City, State, Zip: Lovington, NM, 88260				Phone: 575-513-4922											State	
Phone: 575 393-3386				Email: heverhart@durangomidstream.com											NM CO UT AZ TX	
Email: ddominguez@hungry-horse.com															X	
Report due by:															Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 3000		NM BGDCC	TX BGDCC	
	20-Sep	Soil	1	SP1	Surf	1								X		
	20-Sep	Soil	1	SP2	Surf	2								X		
	20-Sep	Soil	1	SP3	Surf	3								X		
	20-Sep	Soil	1	SP4	Surf	4								X		
	20-Sep	Soil	1	SP5	Surf	5								X		
	20-Sep	Soil	1	SP6	Surf	6								X		
	20-Sep	Soil	1	SP7	Surf	7								X		
	20-Sep	Soil	1	SP8	Surf	8								X		
	20-Sep	Soil	1	SP9	Surf	9								X		
	20-Sep	Soil	1	SP10	Surf	10								X		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: [Signature]

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<u>[Signature]</u>	9/21/21	1135	<u>[Signature]</u>	9-21-21	1135	Received on ice: <u>(Y)</u> N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>[Signature]</u>	9-21-21	11:45	<u>[Signature]</u>	9/22/21	11:30	T1 _____ T2 _____ T3 _____
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
						AVG Temp °C <u>4</u>

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.


envirotech

Project Information

Chain of Custody

Page 1 of 1

Report to:

Daniel Dominguez



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Durango Midstream

Project Name: Apache EAU M-14 A

Work Order: E110063

Job Number: 21080-0001

Received: 10/14/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/20/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/20/21



Daniel Dominguez
10077 Grogans Mill Rd Ste 300
The Woodlands, TX 77380

Project Name: Apache EAU M-14 A
Workorder: E110063
Date Received: 10/14/2021 10:00:00AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/14/2021 10:00:00AM, under the Project Name: Apache EAU M-14 A.

The analytical test results summarized in this report with the Project Name: Apache EAU M-14 A apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
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Chain of Custody etc.

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Sample Summary

Durango Midstream	Project Name:	Apache EAU M-14 A	Reported: 10/20/21 16:15
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	
The Woodlands TX, 77380	Project Manager:	Daniel Dominguez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
HZ1 Surf	E110063-01A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.
HZ1 1	E110063-02A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.
HZ2 Surf	E110063-03A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.
HZ2 1	E110063-04A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.
HZ3 Surf	E110063-05A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.
HZ3 1	E110063-06A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.
HZ4 Surf	E110063-07A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.
HZ4 1	E110063-08A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.
HZ5 Surf	E110063-09A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.
HZ5 1	E110063-10A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.
HZ6 Surf	E110063-11A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.
HZ6 1	E110063-12A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.
HZ7 Surf	E110063-13A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.
HZ7 1	E110063-14A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.



Sample Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 10/20/2021 4:15:57PM
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HZ1 Surf

E110063-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2143012	
Benzene	ND	0.250	10	10/19/21	10/19/21	
Ethylbenzene	ND	0.250	10	10/19/21	10/19/21	
Toluene	ND	0.250	10	10/19/21	10/19/21	
o-Xylene	ND	0.250	10	10/19/21	10/19/21	
p,m-Xylene	ND	0.500	10	10/19/21	10/19/21	
Total Xylenes	ND	0.250	10	10/19/21	10/19/21	
<i>Surrogate: Bromofluorobenzene</i>	<i>100 %</i>	<i>70-130</i>		<i>10/19/21</i>	<i>10/19/21</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>98.9 %</i>	<i>70-130</i>		<i>10/19/21</i>	<i>10/19/21</i>	
<i>Surrogate: Toluene-d8</i>	<i>101 %</i>	<i>70-130</i>		<i>10/19/21</i>	<i>10/19/21</i>	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2143012	
Gasoline Range Organics (C6-C10)	ND	200	10	10/19/21	10/19/21	
<i>Surrogate: Bromofluorobenzene</i>	<i>100 %</i>	<i>70-130</i>		<i>10/19/21</i>	<i>10/19/21</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>98.9 %</i>	<i>70-130</i>		<i>10/19/21</i>	<i>10/19/21</i>	
<i>Surrogate: Toluene-d8</i>	<i>101 %</i>	<i>70-130</i>		<i>10/19/21</i>	<i>10/19/21</i>	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143015	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/19/21	
<i>Surrogate: n-Nonane</i>	<i>114 %</i>	<i>50-200</i>		<i>10/19/21</i>	<i>10/19/21</i>	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2143013	
Chloride	ND	100	5	10/19/21	10/19/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:15:57PM

HZ1 1

E110063-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.250	10	10/19/21	10/19/21	
Ethylbenzene	ND	0.250	10	10/19/21	10/19/21	
Toluene	ND	0.250	10	10/19/21	10/19/21	
o-Xylene	ND	0.250	10	10/19/21	10/19/21	
p,m-Xylene	ND	0.500	10	10/19/21	10/19/21	
Total Xylenes	ND	0.250	10	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	99.4 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	99.2 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	200	10	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	99.4 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	99.2 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/19/21	
Surrogate: n-Nonane	115 %	50-200		10/19/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	ND	200	10	10/19/21	10/19/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:15:57PM

HZ2 Surf

E110063-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.250	10	10/19/21	10/19/21	
Ethylbenzene	ND	0.250	10	10/19/21	10/19/21	
Toluene	ND	0.250	10	10/19/21	10/19/21	
o-Xylene	ND	0.250	10	10/19/21	10/19/21	
p,m-Xylene	ND	0.500	10	10/19/21	10/19/21	
Total Xylenes	ND	0.250	10	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	92.3 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	97.3 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	200	10	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	92.3 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	97.3 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/19/21	
Surrogate: n-Nonane	118 %	50-200		10/19/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	ND	200	10	10/19/21	10/19/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:15:57PM

HZ2 1

E110063-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.0250	1	10/19/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/19/21	10/19/21	
Toluene	ND	0.0250	1	10/19/21	10/19/21	
o-Xylene	ND	0.0250	1	10/19/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/19/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	92.8 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	96.5 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	92.8 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	96.5 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/19/21	
Surrogate: n-Nonane	113 %	50-200		10/19/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	ND	200	10	10/19/21	10/19/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:15:57PM

HZ3 Surf

E110063-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.0250	1	10/19/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/19/21	10/19/21	
Toluene	ND	0.0250	1	10/19/21	10/19/21	
o-Xylene	ND	0.0250	1	10/19/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/19/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	91.8 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	99.5 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	91.8 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	99.5 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/19/21	
Surrogate: n-Nonane	117 %	50-200		10/19/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	ND	200	10	10/19/21	10/19/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:15:57PM

HZ3 1

E110063-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.0250	1	10/19/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/19/21	10/19/21	
Toluene	ND	0.0250	1	10/19/21	10/19/21	
o-Xylene	ND	0.0250	1	10/19/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/19/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	90.0 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	95.6 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	90.0 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	95.6 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/19/21	
Surrogate: n-Nonane	108 %	50-200		10/19/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	ND	200	10	10/19/21	10/19/21	



Sample Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 10/20/2021 4:15:57PM
---	--	-----------------------------------

HZ4 Surf

E110063-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.0500	2	10/19/21	10/19/21	
Ethylbenzene	ND	0.0500	2	10/19/21	10/19/21	
Toluene	ND	0.0500	2	10/19/21	10/19/21	
o-Xylene	ND	0.0500	2	10/19/21	10/19/21	
p,m-Xylene	ND	0.100	2	10/19/21	10/19/21	
Total Xylenes	ND	0.0500	2	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	94.2 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	95.3 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	40.0	2	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	94.2 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	95.3 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/19/21	
Surrogate: n-Nonane	113 %	50-200		10/19/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	ND	200	10	10/19/21	10/19/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:15:57PM

HZ4 1

E110063-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.0250	1	10/19/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/19/21	10/19/21	
Toluene	ND	0.0250	1	10/19/21	10/19/21	
o-Xylene	ND	0.0250	1	10/19/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/19/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	91.0 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	98.3 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	91.0 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	98.3 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/19/21	
Surrogate: n-Nonane	117 %	50-200		10/19/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	ND	200	10	10/19/21	10/19/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:15:57PM

HZ5 Surf

E110063-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.0500	2	10/19/21	10/19/21	
Ethylbenzene	ND	0.0500	2	10/19/21	10/19/21	
Toluene	ND	0.0500	2	10/19/21	10/19/21	
o-Xylene	ND	0.0500	2	10/19/21	10/19/21	
p,m-Xylene	ND	0.100	2	10/19/21	10/19/21	
Total Xylenes	ND	0.0500	2	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	93.3 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	96.4 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	40.0	2	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	93.3 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	96.4 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/20/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/20/21	
Surrogate: n-Nonane	116 %	50-200		10/19/21	10/20/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	ND	200	10	10/19/21	10/19/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:15:57PM

HZ5 1

E110063-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.0250	1	10/19/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/19/21	10/19/21	
Toluene	ND	0.0250	1	10/19/21	10/19/21	
o-Xylene	ND	0.0250	1	10/19/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/19/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	90.7 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	95.6 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/21	10/19/21	
Surrogate: Bromofluorobenzene	90.7 %	70-130		10/19/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		10/19/21	10/19/21	
Surrogate: Toluene-d8	95.6 %	70-130		10/19/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/20/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/20/21	
Surrogate: n-Nonane	115 %	50-200		10/19/21	10/20/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	ND	200	10	10/19/21	10/19/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:15:57PM

HZ6 Surf

E110063-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.0500	2	10/19/21	10/20/21	
Ethylbenzene	ND	0.0500	2	10/19/21	10/20/21	
Toluene	ND	0.0500	2	10/19/21	10/20/21	
o-Xylene	ND	0.0500	2	10/19/21	10/20/21	
p,m-Xylene	ND	0.100	2	10/19/21	10/20/21	
Total Xylenes	ND	0.0500	2	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	10/19/21	10/20/21	
Surrogate: Toluene-d8		98.9 %	70-130	10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	40.0	2	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	10/19/21	10/20/21	
Surrogate: Toluene-d8		98.9 %	70-130	10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/20/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/20/21	
Surrogate: n-Nonane		118 %	50-200	10/19/21	10/20/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	ND	200	10	10/19/21	10/19/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:15:57PM

HZ6 1

E110063-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.0250	1	10/19/21	10/20/21	
Ethylbenzene	ND	0.0250	1	10/19/21	10/20/21	
Toluene	ND	0.0250	1	10/19/21	10/20/21	
o-Xylene	ND	0.0250	1	10/19/21	10/20/21	
p,m-Xylene	ND	0.0500	1	10/19/21	10/20/21	
Total Xylenes	ND	0.0250	1	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene		100 %	70-130	10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	10/19/21	10/20/21	
Surrogate: Toluene-d8		97.6 %	70-130	10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene		100 %	70-130	10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	10/19/21	10/20/21	
Surrogate: Toluene-d8		97.6 %	70-130	10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/20/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/20/21	
Surrogate: n-Nonane		115 %	50-200	10/19/21	10/20/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	ND	200	10	10/19/21	10/19/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:15:57PM

HZ7 Surf

E110063-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.0500	2	10/19/21	10/20/21	
Ethylbenzene	ND	0.0500	2	10/19/21	10/20/21	
Toluene	ND	0.0500	2	10/19/21	10/20/21	
o-Xylene	ND	0.0500	2	10/19/21	10/20/21	
p,m-Xylene	ND	0.100	2	10/19/21	10/20/21	
Total Xylenes	ND	0.0500	2	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene	98.8 %	70-130		10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		10/19/21	10/20/21	
Surrogate: Toluene-d8	99.2 %	70-130		10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	40.0	2	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene	98.8 %	70-130		10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		10/19/21	10/20/21	
Surrogate: Toluene-d8	99.2 %	70-130		10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/20/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/20/21	
Surrogate: n-Nonane	116 %	50-200		10/19/21	10/20/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	ND	200	10	10/19/21	10/19/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:15:57PM

HZ7 1

E110063-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.0250	1	10/19/21	10/20/21	
Ethylbenzene	ND	0.0250	1	10/19/21	10/20/21	
Toluene	ND	0.0250	1	10/19/21	10/20/21	
o-Xylene	ND	0.0250	1	10/19/21	10/20/21	
p,m-Xylene	ND	0.0500	1	10/19/21	10/20/21	
Total Xylenes	ND	0.0250	1	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene	98.8 %	70-130		10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		10/19/21	10/20/21	
Surrogate: Toluene-d8	98.5 %	70-130		10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene	98.8 %	70-130		10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		10/19/21	10/20/21	
Surrogate: Toluene-d8	98.5 %	70-130		10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/20/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/20/21	
Surrogate: n-Nonane	113 %	50-200		10/19/21	10/20/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	ND	200	10	10/19/21	10/20/21	



QC Summary Data

Durango Midstream	Project Name:	Apache EAU M-14 A	Reported:
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	
The Woodlands TX, 77380	Project Manager:	Daniel Dominguez	10/20/2021 4:15:57PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2143012-BLK1)

Prepared: 10/19/21 Analyzed: 10/19/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			

LCS (2143012-BS1)

Prepared: 10/19/21 Analyzed: 10/19/21

Benzene	2.71	0.0250	2.50		108	70-130			
Ethylbenzene	2.74	0.0250	2.50		110	70-130			
Toluene	2.84	0.0250	2.50		114	70-130			
o-Xylene	2.67	0.0250	2.50		107	70-130			
p,m-Xylene	5.70	0.0500	5.00		114	70-130			
Total Xylenes	8.37	0.0250	7.50		112	70-130			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

LCS Dup (2143012-BSD1)

Prepared: 10/19/21 Analyzed: 10/19/21

Benzene	2.65	0.0250	2.50		106	70-130	2.33	23	
Ethylbenzene	2.67	0.0250	2.50		107	70-130	2.57	27	
Toluene	2.76	0.0250	2.50		110	70-130	3.16	24	
o-Xylene	2.65	0.0250	2.50		106	70-130	0.921	27	
p,m-Xylene	5.56	0.0500	5.00		111	70-130	2.37	27	
Total Xylenes	8.21	0.0250	7.50		109	70-130	1.91	27	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			



QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 10/20/2021 4:15:57PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143012-BLK1)

Prepared: 10/19/21 Analyzed: 10/19/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			

LCS (2143012-BS2)

Prepared: 10/19/21 Analyzed: 10/19/21

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.4	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.490		0.500		97.9	70-130			

LCS Dup (2143012-BSD2)

Prepared: 10/19/21 Analyzed: 10/19/21

Gasoline Range Organics (C6-C10)	44.5	20.0	50.0		89.1	70-130	4.73	20	
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.7	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			



QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 10/20/2021 4:15:57PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143015-BLK1)

Prepared: 10/19/21 Analyzed: 10/19/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	58.9		50.0		118	50-200			

LCS (2143015-BS1)

Prepared: 10/19/21 Analyzed: 10/19/21

Diesel Range Organics (C10-C28)	534	25.0	500		107	38-132			
Surrogate: <i>n</i> -Nonane	56.4		50.0		113	50-200			

LCS Dup (2143015-BSD1)

Prepared: 10/19/21 Analyzed: 10/19/21

Diesel Range Organics (C10-C28)	538	25.0	500		108	38-132	0.739	20	
Surrogate: <i>n</i> -Nonane	55.3		50.0		111	50-200			



QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 10/20/2021 4:15:57PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143013-BLK1)					Prepared: 10/19/21 Analyzed: 10/19/21				
Chloride	ND	20.0							
LCS (2143013-BS1)					Prepared: 10/19/21 Analyzed: 10/19/21				
Chloride	245	20.0	250		97.9	90-110			
LCS Dup (2143013-BSD1)					Prepared: 10/19/21 Analyzed: 10/19/21				
Chloride	244	20.0	250		97.6	90-110	0.323	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Durango Midstream	Project Name:	Apache EAU M-14 A	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Daniel Dominguez	10/20/21 16:15

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client: Durango Midstream		Bill To		Lab Use Only				TAT				EPA Program	
Project: Apache EAU M-14 A		Attention: Harley Everhart		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Daniel Dominguez		Address: 47 Conoco Rd.		PE110003		216800001					X		
Address: 4024 Plains Hwy		City, State, Zip: Maljamar, NM 88264		am 10/4/21		Analysis and Method							
City, State, Zip: Lovington, NM, 88260		Phone: 575-513-4922											
Email: ddominguez@hungry-horse.com		Email: heverhart@durangomidstream.com											
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
	12-Oct	Soil	1	HZ1	Surf	1							X		
	12-Oct	Soil	1	HZ1	1	2							X		
	12-Oct	Soil	1	HZ2	Surf	3							X		
	12-Oct	Soil	1	HZ2	1	4							X		
	12-Oct	Soil	1	HZ3	Surf	5							X		
	12-Oct	Soil	1	HZ3	1	6							X		
	12-Oct	Soil	1	HZ4	Surf	7							X		
	12-Oct	Soil	1	HZ4	1	8							X		
	12-Oct	Soil	1	HZ5	Surf	9							X		
	12-Oct	Soil	1	HZ5	1	10							X		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: *[Signature]*

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<i>[Signature]</i>	10/13/21	2:11 pm	<i>[Signature]</i>	10-13-21	1411	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>[Signature]</i>	10-13-21	1645	<i>[Signature]</i>	10/4/21	10:00	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Client: Durango Midstream				Bill To Attention: Harley Everhart Address: 47 Conoco Rd. City, State, Zip: Maljamar, NM 88264 Phone: 575-513-4922 Email: heverhart@durangomidstream.com		Lab Use Only						TAT				EPA Program	
Project: Apache EAU M-14 A						Lab WO# PE1100063		Job Number 210800001		1D	2D	3D	Standard		CWA	SDWA	
Project Manager: Daniel Dominguez						Analysis and Method						X					
Address: 4024 Plains Hwy															RCRA		
City, State, Zip: Lovington, NM, 88260																	
Phone: 575 393-3386																	
Email: ddominguez@hungry-horse.com																	
Report due by:																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX	Remarks	
	12-Oct	Soil	1	HZ6	Surf	11								X			
	12-Oct	Soil	1	HZ6	1	12								X			
	12-Oct	Soil	1	HZ7	Surf	13								X			
	12-Oct	Soil	1	HZ7	1	14								X			

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: *[Signature]*

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature) <i>[Signature]</i>	Date 10/13/21	Time 2:11 pm	Received by: (Signature) <i>[Signature]</i>	Date 10-13-21	Time 1411	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4
Relinquished by: (Signature) <i>[Signature]</i>	Date 10-13-21	Time 1045	Received by: (Signature) <i>[Signature]</i>	Date 10/14/21	Time 10:00	
Relinquished by: (Signature) <i>[Signature]</i>	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 10/14/2021 8:00:25AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Durango Midstream	Date Received:	10/14/21 10:00	Work Order ID:	E110063
Phone:	(575) 393-3386	Date Logged In:	10/14/21 07:55	Logged In By:	Alexa Michaels
Email:	ddominguez@hungry-horse.com	Due Date:	10/20/21 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: FedEx**Comments/Resolution****Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:

Daniel Dominguez



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Durango Midstream

Project Name: Apache EAU M-14 A

Work Order: E110064

Job Number: 21080-0001

Received: 10/14/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/20/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/20/21



Daniel Dominguez
10077 Grogans Mill Rd Ste 300
The Woodlands, TX 77380

Project Name: Apache EAU M-14 A
Workorder: E110064
Date Received: 10/14/2021 10:00:00AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/14/2021 10:00:00AM, under the Project Name: Apache EAU M-14 A.

The analytical test results summarized in this report with the Project Name: Apache EAU M-14 A apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
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Sample Summary

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 10/20/21 16:22
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1 6'	E110064-01A	Soil	10/11/21	10/14/21	Glass Jar, 4 oz.
SP2 6'	E110064-02A	Soil	10/11/21	10/14/21	Glass Jar, 4 oz.
SP6 6'	E110064-03A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.
SP8 4'	E110064-04A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.
SP9 8'	E110064-05A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.
SP10 4'	E110064-06A	Soil	10/12/21	10/14/21	Glass Jar, 4 oz.



Sample Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 10/20/2021 4:22:24PM
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SP1 6'

E110064-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2143012
Benzene	ND	0.0250	1	10/19/21	10/20/21
Ethylbenzene	ND	0.0250	1	10/19/21	10/20/21
Toluene	ND	0.0250	1	10/19/21	10/20/21
o-Xylene	ND	0.0250	1	10/19/21	10/20/21
p,m-Xylene	ND	0.0500	1	10/19/21	10/20/21
Total Xylenes	ND	0.0250	1	10/19/21	10/20/21
Surrogate: Bromofluorobenzene	97.6 %	70-130		10/19/21	10/20/21
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		10/19/21	10/20/21
Surrogate: Toluene-d8	99.2 %	70-130		10/19/21	10/20/21

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/21	10/20/21
Surrogate: Bromofluorobenzene	97.6 %	70-130		10/19/21	10/20/21
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		10/19/21	10/20/21
Surrogate: Toluene-d8	99.2 %	70-130		10/19/21	10/20/21

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/20/21
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/20/21
Surrogate: n-Nonane	112 %	50-200		10/19/21	10/20/21

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2143013
Chloride	750	400	20	10/19/21	10/20/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:22:24PM

SP2 6'

E110064-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.0250	1	10/19/21	10/20/21	
Ethylbenzene	ND	0.0250	1	10/19/21	10/20/21	
Toluene	ND	0.0250	1	10/19/21	10/20/21	
o-Xylene	ND	0.0250	1	10/19/21	10/20/21	
p,m-Xylene	ND	0.0500	1	10/19/21	10/20/21	
Total Xylenes	ND	0.0250	1	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene	96.2 %	70-130		10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		10/19/21	10/20/21	
Surrogate: Toluene-d8	99.3 %	70-130		10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene	96.2 %	70-130		10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		10/19/21	10/20/21	
Surrogate: Toluene-d8	99.3 %	70-130		10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/20/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/20/21	
Surrogate: n-Nonane	114 %	50-200		10/19/21	10/20/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	898	400	20	10/19/21	10/20/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:22:24PM

SP6 6'

E110064-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.0250	1	10/19/21	10/20/21	
Ethylbenzene	ND	0.0250	1	10/19/21	10/20/21	
Toluene	ND	0.0250	1	10/19/21	10/20/21	
o-Xylene	ND	0.0250	1	10/19/21	10/20/21	
p,m-Xylene	ND	0.0500	1	10/19/21	10/20/21	
Total Xylenes	ND	0.0250	1	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	10/19/21	10/20/21	
Surrogate: Toluene-d8		101 %	70-130	10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	10/19/21	10/20/21	
Surrogate: Toluene-d8		101 %	70-130	10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/20/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/20/21	
Surrogate: n-Nonane		114 %	50-200	10/19/21	10/20/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	407	400	20	10/19/21	10/20/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:22:24PM

SP8 4'

E110064-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.0500	2	10/19/21	10/20/21	
Ethylbenzene	ND	0.0500	2	10/19/21	10/20/21	
Toluene	ND	0.0500	2	10/19/21	10/20/21	
o-Xylene	ND	0.0500	2	10/19/21	10/20/21	
p,m-Xylene	ND	0.100	2	10/19/21	10/20/21	
Total Xylenes	ND	0.0500	2	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene	96.4 %	70-130		10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		10/19/21	10/20/21	
Surrogate: Toluene-d8	97.3 %	70-130		10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	40.0	2	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene	96.4 %	70-130		10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		10/19/21	10/20/21	
Surrogate: Toluene-d8	97.3 %	70-130		10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/20/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/20/21	
Surrogate: n-Nonane	113 %	50-200		10/19/21	10/20/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	1940	200	10	10/19/21	10/20/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:22:24PM

SP9 8'

E110064-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.0500	2	10/19/21	10/20/21	
Ethylbenzene	ND	0.0500	2	10/19/21	10/20/21	
Toluene	ND	0.0500	2	10/19/21	10/20/21	
o-Xylene	ND	0.0500	2	10/19/21	10/20/21	
p,m-Xylene	ND	0.100	2	10/19/21	10/20/21	
Total Xylenes	ND	0.0500	2	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene		100 %	70-130	10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	10/19/21	10/20/21	
Surrogate: Toluene-d8		96.1 %	70-130	10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	40.0	2	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene		100 %	70-130	10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	10/19/21	10/20/21	
Surrogate: Toluene-d8		96.1 %	70-130	10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/20/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/20/21	
Surrogate: n-Nonane		119 %	50-200	10/19/21	10/20/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	1040	200	10	10/19/21	10/20/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
10/20/2021 4:22:24PM

SP10 4'

E110064-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Benzene	ND	0.0250	1	10/19/21	10/20/21	
Ethylbenzene	ND	0.0250	1	10/19/21	10/20/21	
Toluene	ND	0.0250	1	10/19/21	10/20/21	
o-Xylene	ND	0.0250	1	10/19/21	10/20/21	
p,m-Xylene	ND	0.0500	1	10/19/21	10/20/21	
Total Xylenes	ND	0.0250	1	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene		100 %	70-130	10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	10/19/21	10/20/21	
Surrogate: Toluene-d8		99.9 %	70-130	10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143012
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/19/21	10/20/21	
Surrogate: Bromofluorobenzene		100 %	70-130	10/19/21	10/20/21	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	10/19/21	10/20/21	
Surrogate: Toluene-d8		99.9 %	70-130	10/19/21	10/20/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143015
Diesel Range Organics (C10-C28)	ND	25.0	1	10/19/21	10/20/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/19/21	10/20/21	
Surrogate: n-Nonane		115 %	50-200	10/19/21	10/20/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143013
Chloride	ND	200	10	10/19/21	10/20/21	



QC Summary Data

Durango Midstream	Project Name:	Apache EAU M-14 A	Reported:
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	
The Woodlands TX, 77380	Project Manager:	Daniel Dominguez	10/20/2021 4:22:24PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143012-BLK1)

Prepared: 10/19/21 Analyzed: 10/19/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			

LCS (2143012-BS1)

Prepared: 10/19/21 Analyzed: 10/19/21

Benzene	2.71	0.0250	2.50		108	70-130			
Ethylbenzene	2.74	0.0250	2.50		110	70-130			
Toluene	2.84	0.0250	2.50		114	70-130			
o-Xylene	2.67	0.0250	2.50		107	70-130			
p,m-Xylene	5.70	0.0500	5.00		114	70-130			
Total Xylenes	8.37	0.0250	7.50		112	70-130			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

LCS Dup (2143012-BSD1)

Prepared: 10/19/21 Analyzed: 10/19/21

Benzene	2.65	0.0250	2.50		106	70-130	2.33	23	
Ethylbenzene	2.67	0.0250	2.50		107	70-130	2.57	27	
Toluene	2.76	0.0250	2.50		110	70-130	3.16	24	
o-Xylene	2.65	0.0250	2.50		106	70-130	0.921	27	
p,m-Xylene	5.56	0.0500	5.00		111	70-130	2.37	27	
Total Xylenes	8.21	0.0250	7.50		109	70-130	1.91	27	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			



QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 10/20/2021 4:22:24PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143012-BLK1)

Prepared: 10/19/21 Analyzed: 10/19/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			

LCS (2143012-BS2)

Prepared: 10/19/21 Analyzed: 10/19/21

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.4	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.490		0.500		97.9	70-130			

LCS Dup (2143012-BSD2)

Prepared: 10/19/21 Analyzed: 10/19/21

Gasoline Range Organics (C6-C10)	44.5	20.0	50.0		89.1	70-130	4.73	20	
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.7	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			



QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 10/20/2021 4:22:24PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143015-BLK1)

Prepared: 10/19/21 Analyzed: 10/19/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	58.9		50.0		118	50-200			

LCS (2143015-BS1)

Prepared: 10/19/21 Analyzed: 10/19/21

Diesel Range Organics (C10-C28)	534	25.0	500		107	38-132			
Surrogate: <i>n</i> -Nonane	56.4		50.0		113	50-200			

LCS Dup (2143015-BSD1)

Prepared: 10/19/21 Analyzed: 10/19/21

Diesel Range Organics (C10-C28)	538	25.0	500		108	38-132	0.739	20	
Surrogate: <i>n</i> -Nonane	55.3		50.0		111	50-200			



QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 10/20/2021 4:22:24PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143013-BLK1)					Prepared: 10/19/21 Analyzed: 10/19/21				
Chloride	ND	20.0							
LCS (2143013-BS1)					Prepared: 10/19/21 Analyzed: 10/19/21				
Chloride	245	20.0	250		97.9	90-110			
LCS Dup (2143013-BSD1)					Prepared: 10/19/21 Analyzed: 10/19/21				
Chloride	244	20.0	250		97.6	90-110	0.323	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Durango Midstream	Project Name:	Apache EAU M-14 A	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Daniel Dominguez	10/20/21 16:22

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 1

Client: Durango Midstream		Bill To Attention: Harley Everhart Address: 47 Conoco Rd. City, State, Zip: Maljamar, NM 88264 Phone: 575-513-4922 Email: heverhart@durangomidstream.com		Lab Use Only		TAT				EPA Program		
Project: Apache EAU M-14 A				Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Daniel Dominguez				PE110504	20800001				X			
Address: 4024 Plains Hwy				Analysis and Method							RCRA	
City, State, Zip: Lovington, NM, 88260										State		
Phone: 575 393-3386								NM	CO	UT	AZ	TX
Email: ddominguez@hungry-horse.com								X				
Report due by:								Remarks				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX		
	11-Oct	Soil	1	SP1	6'	1							X			
	11-Oct	Soil	1	SP2	6'	2							X			
	12-Oct	Soil	1	SP6	6'	3							X			
	12-Oct	Soil	1	SP8	4'	4							X			
	12-Oct	Soil	1	SP9	8'	5							X			
	12-Oct	Soil	1	SP10	4'	6							X			

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: *Dal Day*

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<i>Dal Day</i>	10/13/21	2:11pm	<i>Jim Gab</i>	10/13/21	1411	
<i>Jim Gab</i>	10/13/21	1645	<i>Colleen</i>	10/14/21	10:00	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 10/14/2021 8:06:07AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Durango Midstream	Date Received:	10/14/21 10:00	Work Order ID:	E110064
Phone:	(575) 393-3386	Date Logged In:	10/14/21 08:02	Logged In By:	Alexa Michaels
Email:	ddominguez@hungry-horse.com	Due Date:	10/20/21 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: FedEx**Comments/Resolution****Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:

Daniel Dominguez



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Durango Midstream

Project Name: Apache EAU M-14 A

Work Order: E111137

Job Number: 21080-0001

Received: 11/24/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/1/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/1/21



Daniel Dominguez
10077 Grogans Mill Rd Ste 300
The Woodlands, TX 77380

Project Name: Apache EAU M-14 A
Workorder: E111137
Date Received: 11/24/2021 9:30:00AM

Daniel Dominguez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/24/2021 9:30:00AM, under the Project Name: Apache EAU M-14 A.

The analytical test results summarized in this report with the Project Name: Apache EAU M-14 A apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Laboratory Administrator
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Rayny Hagan
Technical Representative
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 12/01/21 15:48
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1	E111137-01A	Soil	11/19/21	11/24/21	Glass Jar, 4 oz.
SP2	E111137-02A	Soil	11/19/21	11/24/21	Glass Jar, 4 oz.
SP3	E111137-03A	Soil	11/19/21	11/24/21	Glass Jar, 4 oz.
SP4	E111137-04A	Soil	11/19/21	11/24/21	Glass Jar, 4 oz.
SP5	E111137-05A	Soil	11/19/21	11/24/21	Glass Jar, 4 oz.
SP7	E111137-06A	Soil	11/19/21	11/24/21	Glass Jar, 4 oz.
SP8	E111137-07A	Soil	11/19/21	11/24/21	Glass Jar, 4 oz.
SP9	E111137-08A	Soil	11/19/21	11/24/21	Glass Jar, 4 oz.



Sample Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 12/1/2021 3:48:30PM
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SP1

E111137-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2148021	
Benzene	ND	0.0250	1	11/24/21	11/30/21	
Ethylbenzene	0.0857	0.0250	1	11/24/21	11/30/21	
Toluene	ND	0.0250	1	11/24/21	11/30/21	
o-Xylene	0.0536	0.0250	1	11/24/21	11/30/21	
p,m-Xylene	0.167	0.0500	1	11/24/21	11/30/21	
Total Xylenes	0.220	0.0250	1	11/24/21	11/30/21	
Surrogate: 4-Bromochlorobenzene-PID	105 %	70-130		11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2148021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/24/21	11/30/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.2 %	70-130		11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2148022	
Diesel Range Organics (C10-C28)	2960	25.0	1	11/24/21	11/24/21	
Oil Range Organics (C28-C36)	1360	50.0	1	11/24/21	11/24/21	
Surrogate: n-Nonane	144 %	50-200		11/24/21	11/24/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2148023	
Chloride	ND	100	5	11/24/21	11/24/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
12/1/2021 3:48:30PM

SP2

E111137-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2148021
Benzene	ND	0.0250	1	11/24/21	11/30/21	
Ethylbenzene	ND	0.0250	1	11/24/21	11/30/21	
Toluene	ND	0.0250	1	11/24/21	11/30/21	
o-Xylene	ND	0.0250	1	11/24/21	11/30/21	
p,m-Xylene	ND	0.0500	1	11/24/21	11/30/21	
Total Xylenes	ND	0.0250	1	11/24/21	11/30/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2148021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/24/21	11/30/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.6 %	70-130	11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2148022
Diesel Range Organics (C10-C28)	1370	25.0	1	11/24/21	11/30/21	
Oil Range Organics (C28-C36)	479	50.0	1	11/24/21	11/30/21	
<i>Surrogate: n-Nonane</i>						
		126 %	50-200	11/24/21	11/30/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2148023
Chloride	117	100	5	11/24/21	11/24/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
12/1/2021 3:48:30PM

SP3

E111137-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2148021
Benzene	ND	0.0250	1	11/24/21	11/30/21	
Ethylbenzene	ND	0.0250	1	11/24/21	11/30/21	
Toluene	ND	0.0250	1	11/24/21	11/30/21	
o-Xylene	ND	0.0250	1	11/24/21	11/30/21	
p,m-Xylene	ND	0.0500	1	11/24/21	11/30/21	
Total Xylenes	ND	0.0250	1	11/24/21	11/30/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2148021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/24/21	11/30/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.5 %	70-130	11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2148022
Diesel Range Organics (C10-C28)	ND	25.0	1	11/24/21	11/24/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/24/21	11/24/21	
<i>Surrogate: n-Nonane</i>						
		116 %	50-200	11/24/21	11/24/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2148023
Chloride	ND	100	5	11/24/21	11/24/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
12/1/2021 3:48:30PM

SP4

E111137-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2148021
Benzene	ND	0.0250	1	11/24/21	11/30/21	
Ethylbenzene	ND	0.0250	1	11/24/21	11/30/21	
Toluene	ND	0.0250	1	11/24/21	11/30/21	
o-Xylene	ND	0.0250	1	11/24/21	11/30/21	
p,m-Xylene	ND	0.0500	1	11/24/21	11/30/21	
Total Xylenes	ND	0.0250	1	11/24/21	11/30/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2148021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/24/21	11/30/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.7 %	70-130	11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2148022
Diesel Range Organics (C10-C28)	ND	25.0	1	11/24/21	11/24/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/24/21	11/24/21	
<i>Surrogate: n-Nonane</i>						
		121 %	50-200	11/24/21	11/24/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2148023
Chloride	115	100	5	11/24/21	11/24/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
12/1/2021 3:48:30PM

SP5

E111137-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2148021	
Benzene	ND	0.0250	1	11/24/21	11/30/21	
Ethylbenzene	ND	0.0250	1	11/24/21	11/30/21	
Toluene	ND	0.0250	1	11/24/21	11/30/21	
o-Xylene	ND	0.0250	1	11/24/21	11/30/21	
p,m-Xylene	ND	0.0500	1	11/24/21	11/30/21	
Total Xylenes	ND	0.0250	1	11/24/21	11/30/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2148021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/24/21	11/30/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2148022	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/24/21	11/24/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/24/21	11/24/21	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		11/24/21	11/24/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2148023	
Chloride	ND	100	5	11/24/21	11/24/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
12/1/2021 3:48:30PM

SP7

E111137-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2148021
Benzene	ND	0.0250	1	11/24/21	11/30/21	
Ethylbenzene	ND	0.0250	1	11/24/21	11/30/21	
Toluene	ND	0.0250	1	11/24/21	11/30/21	
o-Xylene	ND	0.0250	1	11/24/21	11/30/21	
p,m-Xylene	ND	0.0500	1	11/24/21	11/30/21	
Total Xylenes	ND	0.0250	1	11/24/21	11/30/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2148021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/24/21	11/30/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2148022
Diesel Range Organics (C10-C28)	ND	25.0	1	11/24/21	11/24/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/24/21	11/24/21	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		11/24/21	11/24/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2148023
Chloride	478	100	5	11/24/21	11/24/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
12/1/2021 3:48:30PM

SP8

E111137-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2148021
Benzene	ND	0.0250	1	11/24/21	11/30/21	
Ethylbenzene	ND	0.0250	1	11/24/21	11/30/21	
Toluene	ND	0.0250	1	11/24/21	11/30/21	
o-Xylene	ND	0.0250	1	11/24/21	11/30/21	
p,m-Xylene	ND	0.0500	1	11/24/21	11/30/21	
Total Xylenes	ND	0.0250	1	11/24/21	11/30/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2148021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/24/21	11/30/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2148022
Diesel Range Organics (C10-C28)	ND	25.0	1	11/24/21	11/24/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/24/21	11/24/21	
<i>Surrogate: n-Nonane</i>						
	129 %	50-200		11/24/21	11/24/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2148023
Chloride	395	100	5	11/24/21	11/24/21	



Sample Data

Durango Midstream
10077 Grogans Mill Rd Ste 300
The Woodlands TX, 77380

Project Name: Apache EAU M-14 A
Project Number: 21080-0001
Project Manager: Daniel Dominguez

Reported:
12/1/2021 3:48:30PM

SP9

E111137-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2148021
Benzene	ND	0.0250	1	11/24/21	11/30/21	
Ethylbenzene	ND	0.0250	1	11/24/21	11/30/21	
Toluene	ND	0.0250	1	11/24/21	11/30/21	
o-Xylene	ND	0.0250	1	11/24/21	11/30/21	
p,m-Xylene	ND	0.0500	1	11/24/21	11/30/21	
Total Xylenes	ND	0.0250	1	11/24/21	11/30/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2148021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/24/21	11/30/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.7 %	70-130		11/24/21	11/30/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2148022
Diesel Range Organics (C10-C28)	ND	25.0	1	11/24/21	11/24/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/24/21	11/24/21	
<i>Surrogate: n-Nonane</i>						
	125 %	50-200		11/24/21	11/24/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2148023
Chloride	ND	100	5	11/24/21	11/24/21	



QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 12/1/2021 3:48:30PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2148021-BLK1)

Prepared: 11/24/21 Analyzed: 11/29/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.8	70-130			

LCS (2148021-BS1)

Prepared: 11/24/21 Analyzed: 11/29/21

Benzene	4.31	0.0250	5.00		86.2	70-130			
Ethylbenzene	4.54	0.0250	5.00		90.7	70-130			
Toluene	4.60	0.0250	5.00		91.9	70-130			
o-Xylene	4.68	0.0250	5.00		93.5	70-130			
p,m-Xylene	9.24	0.0500	10.0		92.4	70-130			
Total Xylenes	13.9	0.0250	15.0		92.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130			

LCS Dup (2148021-BS1)

Prepared: 11/24/21 Analyzed: 11/29/21

Benzene	4.38	0.0250	5.00		87.7	70-130	1.71	20	
Ethylbenzene	4.60	0.0250	5.00		91.9	70-130	1.29	20	
Toluene	4.66	0.0250	5.00		93.1	70-130	1.29	20	
o-Xylene	4.75	0.0250	5.00		95.1	70-130	1.66	20	
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130	1.18	20	
Total Xylenes	14.1	0.0250	15.0		94.0	70-130	1.34	20	
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130			



QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Project Number: Project Manager:	Apache EAU M-14 A 21080-0001 Daniel Dominguez	Reported: 12/1/2021 3:48:30PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2148021-BLK1)

Prepared: 11/24/21 Analyzed: 11/29/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.2	70-130			

LCS (2148021-BS2)

Prepared: 11/24/21 Analyzed: 11/29/21

Gasoline Range Organics (C6-C10)	51.1	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			

LCS Dup (2148021-BSD2)

Prepared: 11/24/21 Analyzed: 11/29/21

Gasoline Range Organics (C6-C10)	51.6	20.0	50.0		103	70-130	1.12	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			



QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 12/1/2021 3:48:30PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2148022-BLK1)

Prepared: 11/24/21 Analyzed: 11/24/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	62.0		50.0		124	50-200			

LCS (2148022-BS1)

Prepared: 11/24/21 Analyzed: 11/24/21

Diesel Range Organics (C10-C28)	549	25.0	500		110	38-132			
Surrogate: <i>n</i> -Nonane	60.3		50.0		121	50-200			

Matrix Spike (2148022-MS1)

Source: E111139-04

Prepared: 11/24/21 Analyzed: 11/24/21

Diesel Range Organics (C10-C28)	548	25.0	500	ND	110	38-132			
Surrogate: <i>n</i> -Nonane	60.9		50.0		122	50-200			

Matrix Spike Dup (2148022-MSD1)

Source: E111139-04

Prepared: 11/24/21 Analyzed: 11/24/21

Diesel Range Organics (C10-C28)	548	25.0	500	ND	110	38-132	0.114	20	
Surrogate: <i>n</i> -Nonane	59.8		50.0		120	50-200			



QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380	Project Name: Apache EAU M-14 A Project Number: 21080-0001 Project Manager: Daniel Dominguez	Reported: 12/1/2021 3:48:30PM
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Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2148023-BLK1)

Prepared: 11/24/21 Analyzed: 11/24/21

Chloride ND 20.0

LCS (2148023-BS1)

Prepared: 11/24/21 Analyzed: 11/24/21

Chloride 256 20.0 250 103 90-110

Matrix Spike (2148023-MS1)

Source: E111136-01

Prepared: 11/24/21 Analyzed: 11/24/21

Chloride 260 20.0 250 ND 104 80-120

Matrix Spike Dup (2148023-MSD1)

Source: E111136-01

Prepared: 11/24/21 Analyzed: 11/24/21

Chloride 260 20.0 250 ND 104 80-120 0.165 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Durango Midstream	Project Name:	Apache EAU M-14 A	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Daniel Dominguez	12/01/21 15:48

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client: Durango Midstream				Bill To Attention: Harley Everhart Address: 47 Conoco Rd. City, State, Zip: Maljamar, NM 88264 Phone: 575-513-4922 Email: heverhart@durangomidstream.com PO#			Lab Use Only						TAT				EPA Program							
Project: Apache EAU M-14 A							Lab WO# PE111137		Job Number 21080-0001		1D	2D	3D	Standard	CWA	SDWA								
Project Manager: Daniel Dominguez							AM 11/24/21		Analysis and Method						X									
Address: 4024 Plains Hwy																								
City, State, Zip: Lovington, NM, 88260																								
Phone: 575 393-3386																								
Email: pm@hungry-horse.com																								
Report due by:																								
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BDOC NM	BDOC TX			State	NM	CO	UT	AZ	TX	Remarks
	19-Nov	Soil	1	SP1	8'	1								X										
	19-Nov	Soil	1	SP2	10'	2								X										
	19-Nov	Soil	1	SP3	5'	3								X										
	19-Nov	Soil	1	SP4	7'	4								X										
	19-Nov	Soil	1	SP5	6'	5								X										
	19-Nov	Soil	1	SP7	6'	6								X										
	19-Nov	Soil	1	SP8	6'	7								X										
	19-Nov	Soil	1	SP9	8'	8								X										

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature)	11/22/21	12:36	Received by: (Signature)	11/22/21	12:34	
Relinquished by: (Signature)	11/23/21	16:50	Received by: (Signature)	11/24/21	9:30	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 11/29/2021 1:31:07PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Durango Midstream	Date Received:	11/24/21 09:30	Work Order ID:	E111137
Phone:	(575) 393-3386	Date Logged In:	11/24/21 10:05	Logged In By:	Alexa Michaels
Email:	ddominguez@hungry-horse.com	Due Date:	12/01/21 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



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

March 23, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: APACHE EAU M-14

Enclosed are the results of analyses for samples received by the laboratory on 03/18/22 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/18/2022
 Reported: 03/23/2022
 Project Name: APACHE EAU M-14
 Project Number: NONE GIVEN
 Project Location: DURANGO

Sampling Date: 03/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 - 8.5' (H221093-01)

BTEX 8021B			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/22/2022	ND	1.90	95.2	2.00	4.60		
Toluene*	<0.050	0.050	03/22/2022	ND	1.93	96.4	2.00	6.09		
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.89	94.5	2.00	7.25		
Total Xylenes*	<0.150	0.150	03/22/2022	ND	6.10	102	6.00	7.16		
Total BTEX	<0.300	0.300	03/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/21/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2022	ND	180	90.1	200	3.49	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	206	103	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/18/2022
 Reported: 03/23/2022
 Project Name: APACHE EAU M-14
 Project Number: NONE GIVEN
 Project Location: DURANGO

Sampling Date: 03/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 - 11' (H221093-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/22/2022	ND	1.90	95.2	2.00	4.60		
Toluene*	<0.050	0.050	03/22/2022	ND	1.93	96.4	2.00	6.09		
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.89	94.5	2.00	7.25		
Total Xylenes*	<0.150	0.150	03/22/2022	ND	6.10	102	6.00	7.16		
Total BTEx	<0.300	0.300	03/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	03/21/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2022	ND	180	90.1	200	3.49	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	206	103	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.2 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

September 17, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: APACHE EAU M-14 A

Enclosed are the results of analyses for samples received by the laboratory on 09/12/22 15:40.

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 1 (H224195-01)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	2.02	101	2.00	8.43	QR-03
Toluene*	<0.050	0.050	09/15/2022	ND	2.01	101	2.00	8.98	QR-03
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.96	98.2	2.00	8.33	QR-03
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.14	102	6.00	8.75	QR-03
Total BTX	<0.300	0.300	09/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/14/2022	ND	416	104	400	0.00	

TPH 8015M			mg/kg		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	161	80.7	200	11.7	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	167	83.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 2 (H224195-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	2.02	101	2.00	8.43	
Toluene*	<0.050	0.050	09/15/2022	ND	2.01	101	2.00	8.98	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.96	98.2	2.00	8.33	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.14	102	6.00	8.75	
Total BTEX	<0.300	0.300	09/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/14/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	161	80.7	200	11.7	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	167	83.6	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 92.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 3 (H224195-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	2.02	101	2.00	8.43		
Toluene*	<0.050	0.050	09/15/2022	ND	2.01	101	2.00	8.98		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.96	98.2	2.00	8.33		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.14	102	6.00	8.75		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/14/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	205	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 141 % 45.3-161

Surrogate: 1-Chlorooctadecane 164 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 4 (H224195-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	2.02	101	2.00	8.43		
Toluene*	<0.050	0.050	09/15/2022	ND	2.01	101	2.00	8.98		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.96	98.2	2.00	8.33		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.14	102	6.00	8.75		
Total BTEX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/14/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	205	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 129 % 45.3-161

Surrogate: 1-Chlorooctadecane 151 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 5 (H224195-05)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	2.02	101	2.00	8.43	
Toluene*	<0.050	0.050	09/15/2022	ND	2.01	101	2.00	8.98	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.96	98.2	2.00	8.33	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.14	102	6.00	8.75	
Total BTEX	<0.300	0.300	09/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	205	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 134 % 45.3-161

Surrogate: 1-Chlorooctadecane 154 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 6 (H224195-06)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54	
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991	
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687	
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24	
Total BTX	<0.300	0.300	09/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/14/2022	ND	416	104	400	3.77	

TPH 8015M			mg/kg		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	205	103	200	5.36	
DRO >C10-C28*	16.5	10.0	09/14/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 122 % 45.3-161

Surrogate: 1-Chlorooctadecane 144 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 7 (H224195-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTEx	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	09/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	205	103	200	5.36	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 130 % 45.3-161

Surrogate: 1-Chlorooctadecane 153 % 46.3-178

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 8 (H224195-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTEx	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	205	103	200	5.36	
DRO >C10-C28*	226	10.0	09/14/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	43.7	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 131 % 45.3-161

Surrogate: 1-Chlorooctadecane 171 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 9 (H224195-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTEx	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	205	103	200	5.36	
DRO >C10-C28*	208	10.0	09/14/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	41.7	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 120 % 45.3-161

Surrogate: 1-Chlorooctadecane 162 % 46.3-178

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Analytical Results For:

Hungry Horse Environmental
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 10 (H224195-10)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	205	103	200	5.36	
DRO >C10-C28*	391	10.0	09/14/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	110	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 125 % 45.3-161

Surrogate: 1-Chlorooctadecane 179 % 46.3-178

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Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 11 (H224195-11)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	205	103	200	5.36	
DRO >C10-C28*	346	10.0	09/14/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	91.2	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 128 % 45.3-161

Surrogate: 1-Chlorooctadecane 174 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 12 (H224195-12)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	205	103	200	5.36	
DRO >C10-C28*	352	10.0	09/14/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	80.6	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 130 % 45.3-161

Surrogate: 1-Chlorooctadecane 175 % 46.3-178

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 13 (H224195-13)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	205	103	200	5.36	
DRO >C10-C28*	402	10.0	09/14/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	96.1	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 130 % 45.3-161

Surrogate: 1-Chlorooctadecane 176 % 46.3-178

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Analytical Results For:

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 Fax To: (505) 391-4585

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 14 (H224195-14)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	205	103	200	5.36	
DRO >C10-C28*	367	10.0	09/15/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	95.5	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 147 % 45.3-161

Surrogate: 1-Chlorooctadecane 191 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 15 (H224195-15)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	205	103	200	5.36	
DRO >C10-C28*	334	10.0	09/15/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	85.3	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 128 % 45.3-161

Surrogate: 1-Chlorooctadecane 167 % 46.3-178

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Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 16 (H224195-16)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	205	103	200	5.36	
DRO >C10-C28*	245	10.0	09/15/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	56.1	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 144 % 45.3-161

Surrogate: 1-Chlorooctadecane 187 % 46.3-178

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Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 17 (H224195-17)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/16/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.92	115	6.00	1.24		
Total BTX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	205	103	200	5.36	
DRO >C10-C28*	263	10.0	09/15/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	57.5	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 142 % 45.3-161

Surrogate: 1-Chlorooctadecane 175 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 18 (H224195-18)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	205	103	200	5.36	
DRO >C10-C28*	392	10.0	09/15/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	99.1	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 123 % 45.3-161

Surrogate: 1-Chlorooctadecane 176 % 46.3-178

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Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 19 (H224195-19)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	205	103	200	5.36	
DRO >C10-C28*	278	10.0	09/15/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	67.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 147 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 20 (H224195-20)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	205	103	200	5.36	
DRO >C10-C28*	318	10.0	09/15/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	84.3	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 131 % 45.3-161

Surrogate: 1-Chlorooctadecane 171 % 46.3-178

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Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 21 (H224195-21)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	205	103	200	5.36	
DRO >C10-C28*	291	10.0	09/15/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	67.2	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 122 % 45.3-161

Surrogate: 1-Chlorooctadecane 150 % 46.3-178

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Fax To: (505) 391-4585

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 22 (H224195-22)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	205	103	200	5.36	
DRO >C10-C28*	243	10.0	09/15/2022	ND	195	97.4	200	0.723	
EXT DRO >C28-C36	65.2	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 122 % 45.3-161

Surrogate: 1-Chlorooctadecane 171 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 23 (H224195-23)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	178	88.9	200	5.68	
DRO >C10-C28*	241	10.0	09/14/2022	ND	173	86.7	200	1.48	
EXT DRO >C28-C36	54.1	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 115 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 24 (H224195-24)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	1.93	96.7	2.00	2.54		
Toluene*	<0.050	0.050	09/15/2022	ND	2.27	113	2.00	0.991		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	2.24	112	2.00	0.687		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.92	115	6.00	1.24		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	178	88.9	200	5.68	
DRO >C10-C28*	163	10.0	09/14/2022	ND	173	86.7	200	1.48	
EXT DRO >C28-C36	44.5	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 1 (H224195-25)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/17/2022	ND	1.81	90.5	2.00	5.78		
Toluene*	<0.050	0.050	09/17/2022	ND	1.88	94.0	2.00	5.80		
Ethylbenzene*	<0.050	0.050	09/17/2022	ND	1.83	91.6	2.00	5.57		
Total Xylenes*	<0.150	0.150	09/17/2022	ND	5.73	95.5	6.00	4.94		
Total BTEx	<0.300	0.300	09/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	178	88.9	200	5.68	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	173	86.7	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 76.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 2 (H224195-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	2.04	102	2.00	5.64		
Toluene*	<0.050	0.050	09/15/2022	ND	2.01	100	2.00	4.98		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.99	99.6	2.00	5.42		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.18	103	6.00	5.36		
Total BTEx	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	178	88.9	200	5.68	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	173	86.7	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 3 (H224195-27)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	2.04	102	2.00	5.64		
Toluene*	<0.050	0.050	09/15/2022	ND	2.01	100	2.00	4.98		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.99	99.6	2.00	5.42		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.18	103	6.00	5.36		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	178	88.9	200	5.68	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	173	86.7	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.5 % 46.3-178

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

Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 4 (H224195-28)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	2.04	102	2.00	5.64		
Toluene*	<0.050	0.050	09/15/2022	ND	2.01	100	2.00	4.98		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.99	99.6	2.00	5.42		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.18	103	6.00	5.36		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	178	88.9	200	5.68	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	173	86.7	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 5 (H224195-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	2.04	102	2.00	5.64		
Toluene*	<0.050	0.050	09/15/2022	ND	2.01	100	2.00	4.98		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.99	99.6	2.00	5.42		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.18	103	6.00	5.36		
Total BTEx	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	178	88.9	200	5.68	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	173	86.7	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 79.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 Fax To: (505) 391-4585

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 6 (H224195-30)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	2.04	102	2.00	5.64		
Toluene*	<0.050	0.050	09/15/2022	ND	2.01	100	2.00	4.98		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.99	99.6	2.00	5.42		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.18	103	6.00	5.36		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	178	88.9	200	5.68	
DRO >C10-C28*	237	10.0	09/14/2022	ND	173	86.7	200	1.48	
EXT DRO >C28-C36	56.8	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 80.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	09/12/2022	Sampling Date:	09/12/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 7 (H224195-31)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/15/2022	ND	2.04	102	2.00	5.64		
Toluene*	<0.050	0.050	09/15/2022	ND	2.01	100	2.00	4.98		
Ethylbenzene*	<0.050	0.050	09/15/2022	ND	1.99	99.6	2.00	5.42		
Total Xylenes*	<0.150	0.150	09/15/2022	ND	6.18	103	6.00	5.36		
Total BTX	<0.300	0.300	09/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	178	88.9	200	5.68	
DRO >C10-C28*	138	10.0	09/14/2022	ND	173	86.7	200	1.48	
EXT DRO >C28-C36	41.8	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		Project Manager: Daniel Dominguez		Address: PO Box 1058		City: Hobbs		State: NM		Zip: 88241		P.O. #:		Company: Frontier Field Services, LLC	
Phone #: 575 393-3386		Fax #:		Project #:		Project Owner: Frontier Field Services, LLC		City: Maljamar		State: NM		Zip: 88264		Address: 47 Conoco Rd.	
Project Name: Apache EAU M-14 A		Project Location: UL/C Sec 11 T18S - R27E		Sampler Name: Jorge Valeriano		FOR LAB USE ONLY		Matrix:		Preserv:		Sampling:		Analysis Request	
Lab I.D. H22495		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL	
1 FL1		C 1		X		9/12/22		X		Chloride		TPH		BTEX 8021	
2 FL2		C 1		X		9/12/22		X		X		X		X	
3 FL3		C 1		X		9/12/22		X		X		X		X	
4 FL4		C 1		X		9/12/22		X		X		X		X	
5 FL5		C 1		X		9/12/22		X		X		X		X	
6 FL6		C 1		X		9/12/22		X		X		X		X	
7 FL7		C 1		X		9/12/22		X		X		X		X	
8 FL8		C 1		X		9/12/22		X		X		X		X	
9 FL9		C 1		X		9/12/22		X		X		X		X	
10 FL10		C 1		X		9/12/22		X		X		X		X	
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Relinquished By: Jorge Valeriano		Date: 9/12/22		Received By: [Signature]		Time: 3:40		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Checked By: [Signature]		Remarks:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By:		Date:		Received By:		Time:		Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Checked By:		Remarks:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Delivered By: (Circle One)		Sampler - UPS - Bus - Other: 4.3c/3.7c #13		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Checked By: [Signature]		Remarks:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:		Remarks:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 35 of 37



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



BILL TO

[illegible]

Relinquished By:	Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Phone #:
Jorge Valeriano	4/12/22	Juanita Valeriano	Fax Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:			
			Email results to: pm@hungry-horse.com			

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

September 17, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: APACHE EAU M-14 A

Enclosed are the results of analyses for samples received by the laboratory on 09/13/22 15:35.

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 25 (H224215-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.06	103	2.00	0.488		
Toluene*	<0.050	0.050	09/16/2022	ND	2.05	103	2.00	0.458		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	2.04	102	2.00	0.691		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.29	105	6.00	0.0552		
Total BTEX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 56.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 63.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 26 (H224215-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.06	103	2.00	0.488		
Toluene*	<0.050	0.050	09/16/2022	ND	2.05	103	2.00	0.458		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	2.04	102	2.00	0.691		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.29	105	6.00	0.0552		
Total BTEX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 62.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 69.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 27 (H224215-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.06	103	2.00	0.488		
Toluene*	<0.050	0.050	09/16/2022	ND	2.05	103	2.00	0.458		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	2.04	102	2.00	0.691		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.29	105	6.00	0.0552		
Total BTEX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 51.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 60.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 28 (H224215-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.06	103	2.00	0.488		
Toluene*	<0.050	0.050	09/16/2022	ND	2.05	103	2.00	0.458		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	2.04	102	2.00	0.691		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.29	105	6.00	0.0552		
Total BTEX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 67.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 74.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 29 (H224215-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.06	103	2.00	0.488		
Toluene*	<0.050	0.050	09/16/2022	ND	2.05	103	2.00	0.458		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	2.04	102	2.00	0.691		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.29	105	6.00	0.0552		
Total BTEX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	207	104	200	4.45	
DRO >C10-C28*	49.0	10.0	09/15/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 65.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 30 (H224215-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53		
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44		
Total BTEX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	207	104	200	4.45	
DRO >C10-C28*	14.5	10.0	09/15/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 68.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 31 (H224215-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53		
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44		
Total BTEX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	207	104	200	4.45	
DRO >C10-C28*	17.9	10.0	09/15/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 60.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 69.8 % 46.3-178

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Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 32 (H224215-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53		
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44		
Total BTEX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 61.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 69.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 33 (H224215-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53		
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44		
Total BTEx	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 63.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 69.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 34 (H224215-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53		
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44		
Total BTEX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 60.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 68.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 35 (H224215-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53		
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44		
Total BTEx	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 61.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 71.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 36 (H224215-12)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53	
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42	
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54	
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44	
Total BTX	<0.300	0.300	09/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 51.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 57.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 37 (H224215-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53		
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44		
Total BTEx	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 61.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 68.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 38 (H224215-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53		
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44		
Total BTEx	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 59.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 65.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 39 (H224215-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53	
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42	
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54	
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44	
Total BTEX	<0.300	0.300	09/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/15/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 57.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 63.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 40 (H224215-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53		
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44		
Total BTEx	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 56.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 61.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 41 (H224215-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53	
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42	
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54	
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44	
Total BTEX	<0.300	0.300	09/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 54.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 60.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 8 (H224215-18)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53		
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44		
Total BTX	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 67.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 74.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 9 (H224215-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53		
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44		
Total BTEx	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/15/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 62.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 69.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 10 (H224215-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53		
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44		
Total BTEx	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	186	93.1	200	0.495	
DRO >C10-C28*	45.6	10.0	09/15/2022	ND	208	104	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 62.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 11 (H224215-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53		
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44		
Total BTEx	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	186	93.1	200	0.495	
DRO >C10-C28*	16.3	10.0	09/15/2022	ND	208	104	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 67.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 12 (H224215-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2022	ND	2.01	101	2.00	3.53		
Toluene*	<0.050	0.050	09/16/2022	ND	2.00	99.9	2.00	3.42		
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	1.95	97.7	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.02	100	6.00	1.44		
Total BTEx	<0.300	0.300	09/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2022	ND	186	93.1	200	0.495	
DRO >C10-C28*	18.9	10.0	09/15/2022	ND	208	104	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	09/15/2022	ND					

Surrogate: 1-Chlorooctane 79.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

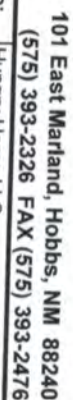
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A handwritten signature in cursive script, appearing to read "C. D. Keene", written in black ink.

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 25 of 27



Page 26 of 27



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO												ANALYSIS REQUEST																															
Project Manager: Daniel Dominguez		Address: PO Box 1058		City: Hobbs		State: NM		Zip: 88241		Company: Frontier Field Services, LLC																																					
Phone #: 575 393-3386		Fax #:		Attn: Amber Groves		Address: 47 Conoco Rd.		City: Maljamar		State: NM		Zip: 88264																																			
Project #:		Project Owner: Frontier Field Services, LLC		City: Maljamar		State: NM		Zip: 88264		Phone #: 575-703-7992																																					
Project Name: Apache EAU M-14 A		Project Location: U/L C Sec 11 T18S - R27E		Sample Name: Jorge Valeriano		Fax #:																																									
FOR LAB USE ONLY		Labi I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEx 8021											
H224215		18 SW8		C 1		X		9/13/22		X		X		X		X		X		X		X		X		X		X		X		X		X													
19 SW9		C 1		X		9/13/22		X		X		X		X		X		X		X		X		X		X		X		X		X		X													
20 SW10		C 1		X		9/13/22		X		X		X		X		X		X		X		X		X		X		X		X		X		X													
21 SW11		C 1		X		9/13/22		X		X		X		X		X		X		X		X		X		X		X		X		X		X													
22 SW12		C 1		X		9/13/22		X		X		X		X		X		X		X		X		X		X		X		X		X		X													

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Relinquished By: Jorge Valeriano Date: 9/13/22 Time: 3:35 Received By: [Signature]

Relinquished By: [Signature] Date: 9/13/22 Time: 3:35 Received By: [Signature]

Delivered By: (Circle One) UPS - Bus - Other: 8:00/2.40 #113 Sample Condition: Cool ☒ Intact ☒ Yes ☐ No ☐ No ☐ No ☐ No

Checked By: [Signature] (Initials) YS

REMARKS: Email results to: pm@hungry-horse.com
agroves@durangomidstream.com

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:

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



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

September 19, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: APACHE EAU M-14 A

Enclosed are the results of analyses for samples received by the laboratory on 09/15/22 15:50.

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 147 (H224284-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	09/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	184	92.2	200	0.381	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	193	96.3	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 81.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 148 (H224284-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/18/2022	ND	1.98	99.2	2.00	1.37		
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115		
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291		
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316		
Total BTEx	<0.300	0.300	09/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	09/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	184	92.2	200	0.381	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	193	96.3	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 77.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 149 (H224284-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/18/2022	ND	1.98	99.2	2.00	1.37		
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115		
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291		
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316		
Total BTEX	<0.300	0.300	09/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	09/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	184	92.2	200	0.381	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	193	96.3	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 67.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 67.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW31 (H224284-04)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/18/2022	ND	1.84	92.0	2.00	3.70		
Toluene*	<0.050	0.050	09/18/2022	ND	1.84	91.8	2.00	4.71		
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	1.77	88.4	2.00	2.94		
Total Xylenes*	<0.150	0.150	09/18/2022	ND	5.50	91.7	6.00	3.11		
Total BTX	<0.300	0.300	09/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	09/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	184	92.2	200	0.381	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	193	96.3	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 79.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW32 (H224284-05)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/18/2022	ND	1.84	92.0	2.00	3.70		
Toluene*	<0.050	0.050	09/18/2022	ND	1.84	91.8	2.00	4.71		
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	1.77	88.4	2.00	2.94		
Total Xylenes*	<0.150	0.150	09/18/2022	ND	5.50	91.7	6.00	3.11		
Total BTEX	<0.300	0.300	09/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	09/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	184	92.2	200	0.381	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	193	96.3	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 78.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW33 (H224284-06)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/18/2022	ND	1.84	92.0	2.00	3.70		
Toluene*	<0.050	0.050	09/18/2022	ND	1.84	91.8	2.00	4.71		
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	1.77	88.4	2.00	2.94		
Total Xylenes*	<0.150	0.150	09/18/2022	ND	5.50	91.7	6.00	3.11		
Total BTEX	<0.300	0.300	09/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	09/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	184	92.2	200	0.381	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	193	96.3	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 72.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 74.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW34 (H224284-07)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/18/2022	ND	1.84	92.0	2.00	3.70		
Toluene*	<0.050	0.050	09/18/2022	ND	1.84	91.8	2.00	4.71		
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	1.77	88.4	2.00	2.94		
Total Xylenes*	<0.150	0.150	09/18/2022	ND	5.50	91.7	6.00	3.11		
Total BTEX	<0.300	0.300	09/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	976	16.0	09/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	184	92.2	200	0.381	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	193	96.3	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 73.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 74.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



Page 10 of 11

Released to Imaging: 2/17/2023 3:52:47 PM



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Hungry Horse LLC	P.O. #:	
Project Manager:	Daniel Dominguez	Company:	Frontier Field Services, LLC
Address:	PO Box 1058	Attn:	Amber Groves
City:	Hobbs	State:	NM
Phone #:	575 393-3386	Fax #:	
Project #:		Project Owner:	Frontier Field Services, LLC
Project Name:	Apache EAU M-14 A	State:	NM
Project Location:	UL C Sec 11 T18S - R27E	Phone #:	575-703-7992
Sampler Name:	Bradley Wells	Fax #:	

BILL TO										ANALYSIS REQUEST									
P.O. #:																			
Company:																			
Attn:																			
Address:																			
City:																			
State:																			
Zip:																			
Matrix:																			
GROUNDWATER																			
WASTEWATER																			
SOIL																			
OIL																			
SLUDGE																			
OTHER :																			
ACID/BASE:																			
ICE / COOL																			
OTHER :																			
DATE																			
TIME																			
Chloride																			
TPH																			
BTEX 8021																			

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Relinquished By:	Date: 9/15/22	Received By:	Signature: [Signature]
Relinquished By:	Time: 3:30 PM	Received By:	Signature: [Signature]
Relinquished By:	Date:	Received By:	
Relinquished By:	Time:	Received By:	

Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	#113
	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	50.

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

REMARKS:
Email results to: pm@hungry-horse.com
agroves@durangomidstream.com



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

September 22, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: APACHE EAU M-14 A

Enclosed are the results of analyses for samples received by the laboratory on 09/19/22 14:20.

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 135 (H224324-01)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1	
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44	
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0	
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12	
Total BTX	<0.300	0.300	09/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

Chloride, SM4500Cl-B			mg/kg		Analyzed By: GM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/20/2022	ND	416	104	400	0.00	

TPH 8015M			mg/kg		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	194	97.2	200	0.336	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	205	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 92.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 136 (H224324-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1		
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12		
Total BTEX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/20/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	199	99.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	235	118	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 69.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 137 (H224324-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1		
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12		
Total BTX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	09/20/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	199	99.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	235	118	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 77.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 138 (H224324-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1		
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12		
Total BTEx	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/20/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	199	99.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	235	118	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 68.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 139 (H224324-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1		
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12		
Total BTEX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	09/20/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	199	99.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	235	118	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 65.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 140 (H224324-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1	
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44	
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0	
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12	
Total BTEX	<0.300	0.300	09/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/20/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	199	99.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	235	118	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 68.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 141 (H224324-07)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1		
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12		
Total BTX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/20/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	199	99.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	235	118	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 63.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 70.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 142 (H224324-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1		
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12		
Total BTEX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/20/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	199	99.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	235	118	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 68.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.4 % 46.3-178

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Analytical Results For:

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

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 143 (H224324-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1		
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12		
Total BTEx	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/20/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	199	99.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	235	118	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 72.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 144 (H224324-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1		
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12		
Total BTEX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/20/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	199	99.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	235	118	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 66.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 74.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 145 (H224324-11)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1		
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12		
Total BTX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/20/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	199	99.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	235	118	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 63.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 69.6 % 46.3-178

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Analytical Results For:

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

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 146 (H224324-12)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1		
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12		
Total BTX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/20/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	199	99.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	235	118	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 53.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 60.4 % 46.3-178

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Analytical Results For:

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

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 26 (H224324-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1		
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12		
Total BTEX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	09/20/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	199	99.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	235	118	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 65.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 72.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 27 (H224324-14)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1		
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12		
Total BTX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/20/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	199	99.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	235	118	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 67.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 74.4 % 46.3-178

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Fax To: (505) 391-4585

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 28 (H224324-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1		
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12		
Total BTEx	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	09/20/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	199	99.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	235	118	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 64.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 29 (H224324-16)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1		
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12		
Total BTX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/20/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	199	99.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	235	118	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 45.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 54.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/19/2022	Sampling Date:	09/19/2022
Reported:	09/22/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 30 (H224324-17)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.4	2.00	10.1		
Toluene*	<0.050	0.050	09/21/2022	ND	1.91	95.6	2.00	9.44		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.2	2.00	10.0		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.72	95.4	6.00	9.12		
Total BTX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/20/2022	ND	199	99.4	200	2.18	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	235	118	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 67.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 74.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:		Hungry Horse LLC		P.O. #:	
Project Manager:		Daniel Dominguez		Company:	
Address:		PO Box 1058		Frontier Field Services, LLC	
City:	Hobbs	State:	NM	Zip:	88241
Phone #:	575 393-3386	Fax #:		Attn:	Amber Groves
Project #:		Project Owner:	Frontier Field Services, LLC		
Project Name:	Apache EAU M-14 A				
Project Location:	UL/ C Sec 11 T18S - R27E				
Sample Name:	Jorge Valeriano				
FOR LAB USE ONLY		FAX #:		SAMPLING	

BILL TO		ANALYSIS REQUEST	
P.O. #:			
Company:		Frontier Field Services, LLC	
Attn:		Amber Groves	
Address:		47 Conoco Rd.	
City:		Maljamar	
State:		NM	
Zip:		88264	
Phone #:		575-703-7992	
FAX #:			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :												
H224324	1	FL135	C 1	X						9/19/22		X	X	X	X	X	X	X	X	X	X
	2	FL136	C 1	X						9/19/22		X	X	X	X	X	X	X	X	X	X
	3	FL137	C 1	X						9/19/22		X	X	X	X	X	X	X	X	X	X
	4	FL138	C 1	X						9/19/22		X	X	X	X	X	X	X	X	X	X
	5	FL139	C 1	X						9/19/22		X	X	X	X	X	X	X	X	X	X
	6	FL140	C 1	X						9/19/22		X	X	X	X	X	X	X	X	X	X
	7	FL141	C 1	X						9/19/22		X	X	X	X	X	X	X	X	X	X
	8	FL142	C 1	X						9/19/22		X	X	X	X	X	X	X	X	X	X
	9	FL143	C 1	X						9/19/22		X	X	X	X	X	X	X	X	X	X
	10	FL144	C 1	X						9/19/22		X	X	X	X	X	X	X	X	X	X

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Relinquished By:	Date: 9/19/22	Received By:	Date: 9/19/22	Time: 2:20	Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Jorge Valeriano		Juanita Alvarez								

Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other: 1.9c/1.3c #113	<input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	VC

REMARKS:

Phone Result: ☐ Yes ☐ No Add'l Phone #:

Fax Result: ☐ Yes ☐ No Add'l Fax #:

Email results to: pm@hungry-horse.com
agroves@durangomidstream.com

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST									
Project Manager: Daniel Dominguez		Company: Frontier Field Services, LLC													
Address: PO Box 1058		Attn: Amber Groves													
City: Hobbs	State: NM	Zip: 88241	Address: 47 Conoco Rd.												
Phone #: 575 393-3386	Fax #:	City: Maljamar		State: NM	Zip: 88264										
Project #:	Project Owner: Frontier Field Services, LLC	State: NM		Zip: 88264	Phone #: 575-703-7992										
Project Name: Apache EAU M-14 A	Project Location: UL/ C Sec 11 T18S - R27E	Fax #:													
Sampler Name: Jorge Valeriano															

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
11	FL145	C	1	X							9/19/22		X	X	X
12	FL146	C	1	X							9/19/22		X	X	X
13	SW26	C	1	X							9/19/22		X	X	X
14	SW27	C	1	X							9/19/22		X	X	X
15	SW28	C	1	X							9/19/22		X	X	X
16	SW29	C	1	X							9/19/22		X	X	X
17	SW30	C	1	X							9/19/22		X	X	X

Relinquished By: Jorge Valeriano	Date: 9/19/22	Time: 2:20	Received By: [Signature]	Received By: [Signature]
Relinquished By:	Date:	Time:	Received By:	Received By:
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other: 1.96/1.3c #113	<input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

REMARKS:
Email results to: pm@hungry-horse.com agroves@durangomidstream.com



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

September 26, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: APACHE EAU M-14 A

Enclosed are the results of analyses for samples received by the laboratory on 09/21/22 13:45.

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 8 B (H224388-01)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/23/2022	ND	2.12	106	2.00	11.2	
Toluene*	<0.050	0.050	09/23/2022	ND	2.03	102	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.97	98.3	2.00	10.8	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.02	100	6.00	9.43	
Total BTX	<0.300	0.300	09/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

Chloride, SM4500Cl-B			mg/kg		Analyzed By: GM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/22/2022	ND	400	100	400	3.92	

TPH 8015M			mg/kg		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	177	88.6	200	0.599	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	181	90.3	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 70.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 9 B (H224388-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/23/2022	ND	2.12	106	2.00	11.2	
Toluene*	<0.050	0.050	09/23/2022	ND	2.03	102	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.97	98.3	2.00	10.8	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.02	100	6.00	9.43	
Total BTX	<0.300	0.300	09/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	177	88.6	200	0.599	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	181	90.3	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 72.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 10 B (H224388-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2022	ND	2.12	106	2.00	11.2		
Toluene*	<0.050	0.050	09/23/2022	ND	2.03	102	2.00	10.6		
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.97	98.3	2.00	10.8		
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.02	100	6.00	9.43		
Total BTEX	<0.300	0.300	09/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	177	88.6	200	0.599	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	181	90.3	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 69.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 11 B (H224388-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2022	ND	2.12	106	2.00	11.2		
Toluene*	<0.050	0.050	09/23/2022	ND	2.03	102	2.00	10.6		
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.97	98.3	2.00	10.8		
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.02	100	6.00	9.43		
Total BTEX	<0.300	0.300	09/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	177	88.6	200	0.599	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	181	90.3	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 69.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.6 % 46.3-178

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Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 12 B (H224388-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2022	ND	2.12	106	2.00	11.2		
Toluene*	<0.050	0.050	09/23/2022	ND	2.03	102	2.00	10.6		
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.97	98.3	2.00	10.8		
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.02	100	6.00	9.43		
Total BTEX	<0.300	0.300	09/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	177	88.6	200	0.599	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	181	90.3	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 73.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 13 B (H224388-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2022	ND	2.12	106	2.00	11.2		
Toluene*	<0.050	0.050	09/23/2022	ND	2.03	102	2.00	10.6		
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.97	98.3	2.00	10.8		
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.02	100	6.00	9.43		
Total BTEX	<0.300	0.300	09/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	177	88.6	200	0.599	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	181	90.3	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 14 B (H224388-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/23/2022	ND	2.12	106	2.00	11.2	
Toluene*	<0.050	0.050	09/23/2022	ND	2.03	102	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.97	98.3	2.00	10.8	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.02	100	6.00	9.43	
Total BTEX	<0.300	0.300	09/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	177	88.6	200	0.599	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	181	90.3	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 72.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 15 B (H224388-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2022	ND	2.12	106	2.00	11.2		
Toluene*	<0.050	0.050	09/23/2022	ND	2.03	102	2.00	10.6		
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.97	98.3	2.00	10.8		
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.02	100	6.00	9.43		
Total BTEX	<0.300	0.300	09/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	177	88.6	200	0.599	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	181	90.3	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 80.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 16 B (H224388-09)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/23/2022	ND	2.12	106	2.00	11.2	
Toluene*	<0.050	0.050	09/23/2022	ND	2.03	102	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.97	98.3	2.00	10.8	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.02	100	6.00	9.43	
Total BTX	<0.300	0.300	09/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	177	88.6	200	0.599	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	181	90.3	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 78.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 17 B (H224388-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2022	ND	2.12	106	2.00	11.2		
Toluene*	<0.050	0.050	09/23/2022	ND	2.03	102	2.00	10.6		
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.97	98.3	2.00	10.8		
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.02	100	6.00	9.43		
Total BTEX	<0.300	0.300	09/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/22/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	177	88.6	200	0.599	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	181	90.3	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 76.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 18 B (H224388-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2022	ND	2.12	106	2.00	11.2		
Toluene*	<0.050	0.050	09/23/2022	ND	2.03	102	2.00	10.6		
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.97	98.3	2.00	10.8		
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.02	100	6.00	9.43		
Total BTEX	<0.300	0.300	09/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/22/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	177	88.6	200	0.599	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	181	90.3	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 67.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.0 % 46.3-178

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Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 19 B (H224388-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2022	ND	2.12	106	2.00	11.2		
Toluene*	<0.050	0.050	09/23/2022	ND	2.03	102	2.00	10.6		
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.97	98.3	2.00	10.8		
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.02	100	6.00	9.43		
Total BTEX	<0.300	0.300	09/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/22/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	177	88.6	200	0.599	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	181	90.3	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 81.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 20 B (H224388-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2022	ND	2.12	106	2.00	11.2		
Toluene*	<0.050	0.050	09/23/2022	ND	2.03	102	2.00	10.6		
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.97	98.3	2.00	10.8		
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.02	100	6.00	9.43		
Total BTEx	<0.300	0.300	09/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/22/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	177	88.6	200	0.599	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	181	90.3	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 67.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 21 B (H224388-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2022	ND	2.12	106	2.00	11.2		
Toluene*	<0.050	0.050	09/23/2022	ND	2.03	102	2.00	10.6		
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.97	98.3	2.00	10.8		
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.02	100	6.00	9.43		
Total BTEx	<0.300	0.300	09/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/22/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	177	88.6	200	0.599	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	181	90.3	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 72.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.9 % 46.3-178

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Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 22 B (H224388-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2022	ND	2.12	106	2.00	11.2		
Toluene*	<0.050	0.050	09/23/2022	ND	2.03	102	2.00	10.6		
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.97	98.3	2.00	10.8		
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.02	100	6.00	9.43		
Total BTEX	<0.300	0.300	09/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/22/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	177	88.6	200	0.599	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	181	90.3	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 53.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 59.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 23 B (H224388-16)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/23/2022	ND	2.12	106	2.00	11.2	
Toluene*	<0.050	0.050	09/23/2022	ND	2.03	102	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	1.97	98.3	2.00	10.8	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.02	100	6.00	9.43	
Total BTX	<0.300	0.300	09/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/22/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	177	88.6	200	0.599	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	181	90.3	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 71.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.3 % 46.3-178

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Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: FL 24 B (H224388-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2022	ND	1.98	98.9	2.00	0.312		
Toluene*	<0.050	0.050	09/23/2022	ND	2.22	111	2.00	0.477		
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.10	105	2.00	0.739		
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.45	108	6.00	2.12		
Total BTEx	<0.300	0.300	09/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/22/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	183	91.3	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	196	97.8	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 85.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 6 B (H224388-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2022	ND	1.98	98.9	2.00	0.312		
Toluene*	<0.050	0.050	09/23/2022	ND	2.22	111	2.00	0.477		
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.10	105	2.00	0.739		
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.45	108	6.00	2.12		
Total BTEx	<0.300	0.300	09/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/22/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	183	91.3	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	196	97.8	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 87.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/21/2022	Sampling Date:	09/21/2022
Reported:	09/26/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T81S - R27E		

Sample ID: SW 7 B (H224388-19)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/23/2022	ND	1.98	98.9	2.00	0.312	
Toluene*	<0.050	0.050	09/23/2022	ND	2.22	111	2.00	0.477	
Ethylbenzene*	<0.050	0.050	09/23/2022	ND	2.10	105	2.00	0.739	
Total Xylenes*	<0.150	0.150	09/23/2022	ND	6.45	108	6.00	2.12	
Total BTX	<0.300	0.300	09/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/22/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	183	91.3	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	196	97.8	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

Page 22 of 23

REMARKS:

Email results to: pm@hungry-horse.com

agroves@durangomidstream.com

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



Page 23 of 23

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

September 27, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: APACHE EAU M-14 A

Enclosed are the results of analyses for samples received by the laboratory on 09/22/22 15:51.

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/22/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL/ C SEC 11 T18S - R27E		

Sample ID: FL 149 B (H224419-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2022	ND	2.00	99.9	2.00	7.87	
Toluene*	<0.050	0.050	09/24/2022	ND	2.22	111	2.00	9.09	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.13	106	2.00	8.68	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.49	108	6.00	9.28	
Total BTX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/23/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	185	92.5	200	3.81	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	198	99.1	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					

Surrogate: 1-Chlorooctane 80.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.6 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/22/2022
 Reported: 09/27/2022
 Project Name: APACHE EAU M-14 A
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL/ C SEC 11 T18S - R27E

Sampling Date: 09/22/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 34 B (H224419-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/24/2022	ND	2.00	99.9	2.00	7.87		
Toluene*	<0.050	0.050	09/24/2022	ND	2.22	111	2.00	9.09		
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.13	106	2.00	8.68		
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.49	108	6.00	9.28		
Total BTEx	<0.300	0.300	09/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/23/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	185	92.5	200	3.81	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	198	99.1	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					

Surrogate: 1-Chlorooctane 83.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

October 07, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: APACHE EAU M-14 A

Enclosed are the results of analyses for samples received by the laboratory on 09/30/22 15:50.

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 42 (H224572-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	9.85		
Toluene*	<0.050	0.050	10/04/2022	ND	2.23	111	2.00	10.5		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.09	105	2.00	9.03		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.36	106	6.00	9.91		
Total BTEX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	10/03/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	195	97.3	200	0.676	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	195	97.7	200	0.764	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 43 (H224572-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	9.85		
Toluene*	<0.050	0.050	10/04/2022	ND	2.23	111	2.00	10.5		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.09	105	2.00	9.03		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.36	106	6.00	9.91		
Total BTEX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	10/03/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	195	97.3	200	0.676	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	195	97.7	200	0.764	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 60.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 65.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 44 (H224572-03)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	9.85	
Toluene*	<0.050	0.050	10/04/2022	ND	2.23	111	2.00	10.5	
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.09	105	2.00	9.03	
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.36	106	6.00	9.91	
Total BTX	<0.300	0.300	10/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	10/03/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	195	97.3	200	0.676	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	195	97.7	200	0.764	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 77.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 45 (H224572-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	9.85		
Toluene*	<0.050	0.050	10/04/2022	ND	2.23	111	2.00	10.5		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.09	105	2.00	9.03		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.36	106	6.00	9.91		
Total BTEX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/03/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	195	97.3	200	0.676	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	195	97.7	200	0.764	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 46 (H224572-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	9.85		
Toluene*	<0.050	0.050	10/04/2022	ND	2.23	111	2.00	10.5		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.09	105	2.00	9.03		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.36	106	6.00	9.91		
Total BTEX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	195	97.3	200	0.676	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	195	97.7	200	0.764	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 82.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.9 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 47 (H224572-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	9.85		
Toluene*	<0.050	0.050	10/04/2022	ND	2.23	111	2.00	10.5		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.09	105	2.00	9.03		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.36	106	6.00	9.91		
Total BTEX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	195	97.3	200	0.676	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	195	97.7	200	0.764	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 48 (H224572-07)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51	
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443	
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270	
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348	
Total BTX	<0.300	0.300	10/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/03/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	195	97.3	200	0.676	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	195	97.7	200	0.764	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.3 % 46.3-178

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 49 (H224572-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51		
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348		
Total BTEX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	195	97.3	200	0.676	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	195	97.7	200	0.764	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 90.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.1 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 50 (H224572-09)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51	
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443	
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270	
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348	
Total BTX	<0.300	0.300	10/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	195	97.3	200	0.676	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	195	97.7	200	0.764	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 85.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.6 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 51 (H224572-10)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51		
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348		
Total BTX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	195	97.3	200	0.676	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	195	97.7	200	0.764	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 52 (H224572-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51		
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348		
Total BTEX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	195	97.3	200	0.676	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	195	97.7	200	0.764	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 89.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 53 (H224572-12)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51		
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348		
Total BTX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	195	97.3	200	0.676	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	195	97.7	200	0.764	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.6 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 54 (H224572-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51		
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348		
Total BTEx	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	195	97.3	200	0.676	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	195	97.7	200	0.764	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 94.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

Hungry Horse Environmental
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 55 (H224572-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51		
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348		
Total BTEx	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	195	97.3	200	0.676	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	195	97.7	200	0.764	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 56 (H224572-15)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51		
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348		
Total BTX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	195	97.3	200	0.676	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	195	97.7	200	0.764	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 74.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.6 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 57 (H224572-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51		
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348		
Total BTEX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.8 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 58 (H224572-17)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51		
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348		
Total BTX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 59 (H224572-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51		
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348		
Total BTEX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 94.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 60 (H224572-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51		
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348		
Total BTEX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 61 (H224572-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51		
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348		
Total BTEX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 85.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.7 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 62 (H224572-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51		
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348		
Total BTEx	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 93.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 63 (H224572-22)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51	
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443	
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270	
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348	
Total BTX	<0.300	0.300	10/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 84.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.1 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 64 (H224572-23)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51		
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348		
Total BTX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.6 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 65 (H224572-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51		
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348		
Total BTEX	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 66 (H224572-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51		
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443		
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270		
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348		
Total BTEx	<0.300	0.300	10/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 74.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.5 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 67 (H224572-26)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2022	ND	2.05	102	2.00	1.51	
Toluene*	<0.050	0.050	10/04/2022	ND	2.18	109	2.00	0.443	
Ethylbenzene*	<0.050	0.050	10/04/2022	ND	2.01	100	2.00	0.270	
Total Xylenes*	<0.150	0.150	10/04/2022	ND	6.03	101	6.00	0.348	
Total BTX	<0.300	0.300	10/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/03/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 81.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.9 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 68 (H224572-27)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84	
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01	
Total BTX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/03/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	213	106	200	1.19	
DRO >C10-C28*	64.2	10.0	10/04/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	11.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 58.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 62.0 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 69 (H224572-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	213	106	200	1.19	
DRO >C10-C28*	51.0	10.0	10/04/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	12.1	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 70.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 71.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 70 (H224572-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 Fax To: (505) 391-4585

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 71 (H224572-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 67.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 68.6 % 46.3-178

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Analytical Results For:

Hungry Horse Environmental
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 Fax To: (505) 391-4585

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 72 (H224572-31)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84	
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01	
Total BTEx	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/04/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 69.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 68.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 73 (H224572-32)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/04/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 84.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.3 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 74 (H224572-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/04/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 75 (H224572-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTEX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	10/04/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 76 (H224572-35)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84	
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01	
Total BTEx	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	10/04/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	213	106	200	1.19	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	225	112	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 77 (H224572-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/04/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	215	107	200	6.47	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 79.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 78 (H224572-37)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/04/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	215	107	200	6.47	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 65.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 79 (H224572-38)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/04/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	215	107	200	6.47	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 69.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.8 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 80 (H224572-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/04/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	215	107	200	6.47	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 63.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 71.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 81 (H224572-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/04/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	215	107	200	6.47	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 58.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 65.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 82 (H224572-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/04/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	215	107	200	6.47	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 60.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 68.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 83 (H224572-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/04/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	215	107	200	6.47	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 66.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 84 (H224572-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/04/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	215	107	200	6.47	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 80.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 85 (H224572-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/04/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	215	107	200	6.47	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 66.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.4 % 46.3-178

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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 86 (H224572-45)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/04/2022	ND	416	104	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	215	107	200	6.47	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 60.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 67.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 87 (H224572-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	1.97	98.3	2.00	2.84		
Toluene*	<0.050	0.050	10/06/2022	ND	2.16	108	2.00	3.31		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.02	101	2.00	3.55		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.08	101	6.00	4.01		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	215	107	200	6.47	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 63.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
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 P.O. Box 1058
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 Fax To: (505) 391-4585

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 88 (H224572-47)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11	
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23	
Total BTX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	215	107	200	6.47	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 71.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.9 % 46.3-178

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Analytical Results For:

Hungry Horse Environmental
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 Fax To: (505) 391-4585

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 89 (H224572-48)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11	
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23	
Total BTX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	215	107	200	6.47	
DRO >C10-C28*	41.0	10.0	10/04/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 60.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 64.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 90 (H224572-49)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11	
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23	
Total BTEx	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	215	107	200	6.47	
DRO >C10-C28*	37.0	10.0	10/04/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	13.9	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 53.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 61.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 91 (H224572-50)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11		
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23		
Total BTEX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/04/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	215	107	200	6.47	
DRO >C10-C28*	49.0	10.0	10/04/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	17.6	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 71.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.8 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 92 (H224572-51)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11		
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	215	107	200	6.47	
DRO >C10-C28*	27.6	10.0	10/04/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 61.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 72.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 93 (H224572-52)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11	
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23	
Total BTEX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/04/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	215	107	200	6.47	
DRO >C10-C28*	21.4	10.0	10/04/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 62.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 70.1 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 94 (H224572-53)

BTX 8021B			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11		
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23		
Total BTX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	215	107	200	6.47	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 69.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 95 (H224572-54)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11	
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23	
Total BTX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	215	107	200	6.47	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 73.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.3 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 96 (H224572-55)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11	
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23	
Total BTEX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	215	107	200	6.47	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 72.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.4 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 97 (H224572-56)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11	
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23	
Total BTEX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 78.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 98 (H224572-57)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11		
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 99 (H224572-58)

BTX 8021B			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11		
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23		
Total BTX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/04/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 82.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.5 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 100 (H224572-59)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11		
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	204	102	200	2.66	
DRO >C10-C28*	48.0	10.0	10/03/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	12.8	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 87.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.2 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 101 (H224572-60)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11		
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.1 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 102 (H224572-61)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11	
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23	
Total BTX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 80.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.9 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 103 (H224572-62)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11	
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23	
Total BTEx	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.1 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 104 (H224572-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11		
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.1 % 46.3-178

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 105 (H224572-64)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11		
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/04/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	204	102	200	2.66	
DRO >C10-C28*	24.0	10.0	10/04/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 90.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 106 (H224572-65)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11	
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23	
Total BTX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/04/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	204	102	200	2.66	
DRO >C10-C28*	25.1	10.0	10/04/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	16.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 95.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 107 (H224572-66)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.12	106	2.00	1.11	
Toluene*	<0.050	0.050	10/06/2022	ND	2.08	104	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.7	2.00	2.25	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	3.23	
Total BTEX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 84.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 108 (H224572-67)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91	
Total BTX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 95.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 109 (H224572-68)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28		
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 110 (H224572-69)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28		
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 99.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 111 (H224572-70)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91	
Total BTEx	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 93.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 112 (H224572-71)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91	
Total BTX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 98.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 113 (H224572-72)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28		
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 114 (H224572-73)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28		
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91		
Total BTEX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 115 (H224572-74)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91	
Total BTX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 82.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.3 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 116 (H224572-75)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28		
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	204	102	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	214	107	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 117 (H224572-76)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28		
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91		
Total BTEX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 73.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 118 (H224572-77)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28		
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 71.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 74.9 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 119 (H224572-78)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28		
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 63.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 66.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 120 (H224572-79)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91	
Total BTX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 67.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 68.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 121 (H224572-80)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28		
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91		
Total BTEX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 67.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 70.5 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 122 (H224572-81)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91	
Total BTEX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 72.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 123 (H224572-82)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91	
Total BTEX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/03/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/03/2022	ND					

Surrogate: 1-Chlorooctane 62.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 66.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 124 (H224572-83)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91	
Total BTEX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 73.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 125 (H224572-84)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28	
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91	
Total BTX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 84.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 126 (H224572-85)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28		
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91		
Total BTEX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 127 (H224572-86)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.28		
Toluene*	<0.050	0.050	10/06/2022	ND	2.11	105	2.00	3.73		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	2.07	103	2.00	4.53		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.30	105	6.00	3.91		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 70.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 128 (H224572-87)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68		
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 79.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 129 (H224572-88)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68	
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58	
Total BTX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 86.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 130 (H224572-89)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68	
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58	
Total BTEX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/04/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 77.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 131 (H224572-90)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68		
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58		
Total BTX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 76.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO										ANALYSIS REQUEST																													
Project Manager: Daniel Dominguez		Company: Frontier Field Services, LLC																																									
Address: PO Box 1058		Attn: Amber Groves																																									
City: Hobbs		Address: 47 Conoco Rd.																																									
Phone #: 575 393-3386		State: NM		Zip: 88241																																							
Project #:		Project Owner: Frontier Field Services, LLC		City: Maljamar																																							
Project Name: Apache EAU M-14 A		State: NM		Zip: 88264																																							
Project Location: U/L C Sec 11 T18S - R27E		Phone #: 575-703-7992																																									
Sampler Name: Jorge Valeriano		Fax #:																																									
FOR LAB USE ONLY																																											
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX 8021											
H24572		C 1		X		X		X		X		X		X		X		X		X		X		9/30/22		X		X		X													
21 FL62		C 1		X		X		X		X		X		X		X		X		X		X		9/30/22		X		X		X													
22 FL63		C 1		X		X		X		X		X		X		X		X		X		X		9/30/22		X		X		X													
23 FL64		C 1		X		X		X		X		X		X		X		X		X		X		9/30/22		X		X		X													
24 FL65		C 1		X		X		X		X		X		X		X		X		X		X		9/30/22		X		X		X													
25 FL66		C 1		X		X		X		X		X		X		X		X		X		X		9/30/22		X		X		X													
26 FL67		C 1		X		X		X		X		X		X		X		X		X		X		9/30/22		X		X		X													
27 FL68		C 1		X		X		X		X		X		X		X		X		X		X		9/30/22		X		X		X													
28 FL69		C 1		X		X		X		X		X		X		X		X		X		X		9/30/22		X		X		X													
29 FL70		C 1		X		X		X		X		X		X		X		X		X		X		9/30/22		X		X		X													
30 FL71		C 1		X		X		X		X		X		X		X		X		X		X		9/30/22		X		X		X													
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Relinquished By: Jorge Valeriano		Date: 9/30/22		Received By: Juanita Black		Time: 3:50 pm		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: (Initials) YD.		REMARKS: Email results to: pm@hungry-horse.com agroves@durangomidstream.com																															
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 35c/2.9c #113		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: (Initials) YD.																																							



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Project Name: Apache EAU M-14 A		Project Location: UL/ C Sec 11 T18S - R27E		Phone #: 575-703-7992		Fax #:																																					
Sampler Name: Jorge Valeriano		FOR LAB USE ONLY																																									
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX 8021											
H224572		51		FL92		C		1		X		X		X		X		X		X		X		X		X		X		X		X											
52		FL93		C		1		X		X		X		X		X		X		X		X		X		X		X		X		X											
53		FL94		C		1		X		X		X		X		X		X		X		X		X		X		X		X		X											
54		FL95		C		1		X		X		X		X		X		X		X		X		X		X		X		X		X											
55		FL96		C		1		X		X		X		X		X		X		X		X		X		X		X		X		X											
56		FL97		C		1		X		X		X		X		X		X		X		X		X		X		X		X		X											
57		FL98		C		1		X		X		X		X		X		X		X		X		X		X		X		X		X											
58		FL99		C		1		X		X		X		X		X		X		X		X		X		X		X		X		X											
59		FL100		C		1		X		X		X		X		X		X		X		X		X		X		X		X		X											
60		FL101		C		1		X		X		X		X		X		X		X		X		X		X		X		X		X											
9/30/22		3:50pm		Jorge Valeriano		Jorge Valeriano		Jorge Valeriano		Jorge Valeriano		Jorge Valeriano		Jorge Valeriano		Jorge Valeriano		Jorge Valeriano		Jorge Valeriano		Jorge Valeriano		Jorge Valeriano		Jorge Valeriano		Jorge Valeriano		Jorge Valeriano		Jorge Valeriano											
Relinquished By:		Date: 9/30/22		Received By:		Date: 9/30/22		Time: 3:50pm		Sample Condition		Cool		Intact		Checked By: (Initials)																											
Delivered By: (Circle One)		Sampler - UPS - Bus - Other: 3.5c/2.9c #113		Sample Condition		Cool		Intact		Checked By: (Initials)																																	
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476		REMARKS:		Phone Result:		Fax Result:		Email results to: pm@hungry-horse.com		agroves@durangomidstream.com																																	



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H224572		61		FL102		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
62		FL103		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
63		FL104		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
64		FL105		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
65		FL106		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
66		FL107		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
67		FL108		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
68		FL109		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
69		FL110		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
70		FL111		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
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9/30/22		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
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9/30/22		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
9/30/22		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
9/30/22		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
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9/30/22		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
9/30/22		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
9/30/22		C 1		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X											
9/30/22		C 1																																											



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST																	
Project Manager: Daniel Dominguez		Company: Frontier Field Services, LLC																					
Address: PO Box 1058		City: Hobbs		State: NM		Zip: 88241		Attn: Amber Groves															
Phone #: 575-393-3386		Fax #:		Project Owner: Frontier Field Services, LLC		City: Maljamar		State: NM		Zip: 88264													
Project Name: Apache EAU M-14 A		Project Location: U/L C Sec 11 T18S - R27E		Phone #: 575-703-7992		Fax #:																	
Sampler Name: Jorge Valeriano																							
FOR LAB USE ONLY																							
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :	
H224572		C 1		X		X		X		X		X		X		X		X		X		X	
71 FL112		C 1		X		X		X		X		X		X		X		X		X		X	
72 FL113		C 1		X		X		X		X		X		X		X		X		X		X	
73 FL114		C 1		X		X		X		X		X		X		X		X		X		X	
74 FL115		C 1		X		X		X		X		X		X		X		X		X		X	
75 FL116		C 1		X		X		X		X		X		X		X		X		X		X	
76 FL117		C 1		X		X		X		X		X		X		X		X		X		X	
77 FL118		C 1		X		X		X		X		X		X		X		X		X		X	
78 FL119		C 1		X		X		X		X		X		X		X		X		X		X	
79 FL120		C 1		X		X		X		X		X		X		X		X		X		X	
80 FL121		C 1		X		X		X		X		X		X		X		X		X		X	
71		C 1		X		X		X		X		X		X		X		X		X		X	
72		C 1		X		X		X		X		X		X		X		X		X		X	
73		C 1		X		X		X		X		X		X		X		X		X		X	
74		C 1		X		X		X		X		X		X		X		X		X		X	
75		C 1		X		X		X		X		X		X		X		X		X		X	
76		C 1		X		X		X		X		X		X		X		X		X		X	
77		C 1		X		X		X		X		X		X		X		X		X		X	
78		C 1		X		X		X		X		X		X		X		X		X		X	
79		C 1		X		X		X		X		X		X		X		X		X		X	
80		C 1		X		X		X		X		X		X		X		X		X		X	

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Relinquished By: <i>Jorge Valeriano</i>	Date: 4/30/22	Received By: <i>Amber Groves</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date: 3/30/22	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:

Delivered By: (Circle One) *3.5c/2.9c #13*

Sampler - UPS - Bus - Other: *3.5c/2.9c #13*

Sample Condition: ☒ Intact ☐ Cool ☐ Yes ☐ No

CHECKED BY: *pm*

REMARKS: Email results to: pm@hungry-horse.com agroves@durangomidstream.com

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



Company Name:	Hungry Horse LLC
---------------	------------------

[illegible]



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

October 07, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: APACHE EAU M-14 A

Enclosed are the results of analyses for samples received by the laboratory on 09/30/22 15:50.

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 132 (H224573-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68	
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58	
Total BTX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 67.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 133 (H224573-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68	
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10	
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80	
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58	
Total BTX	<0.300	0.300	10/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 82.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 134 (H224573-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68		
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58		
Total BTX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 72.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 74.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 13 (H224573-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68		
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 14 (H224573-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68		
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58		
Total BTX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	207	104	200	0.335	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	210	105	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 15 (H224573-06)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68		
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58		
Total BTX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	199	99.3	200	3.21	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	188	93.8	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 81.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 16 (H224573-07)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68		
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58		
Total BTX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	199	99.3	200	3.21	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	188	93.8	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 76.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 17 (H224573-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68		
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	199	99.3	200	3.21	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	188	93.8	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 70.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.8 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 18 (H224573-09)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68		
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58		
Total BTX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	199	99.3	200	3.21	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	188	93.8	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 73.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.1 % 46.3-178

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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
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 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 19 (H224573-10)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68		
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58		
Total BTX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	199	99.3	200	3.21	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	188	93.8	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 77.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.5 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 20 (H224573-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68		
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	199	99.3	200	3.21	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	188	93.8	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 72.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.7 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 21 (H224573-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68		
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	199	99.3	200	3.21	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	188	93.8	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 76.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 22 (H224573-13)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68		
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58		
Total BTX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	199	99.3	200	3.21	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	188	93.8	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 70.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.2 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 23 (H224573-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68		
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58		
Total BTEX	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/04/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	199	99.3	200	3.21	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	188	93.8	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 62.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 72.8 % 46.3-178

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Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 24 (H224573-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68		
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	199	99.3	200	3.21	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	188	93.8	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 86.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/30/2022	Sampling Date:	09/30/2022
Reported:	10/07/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 25 (H224573-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2022	ND	2.13	106	2.00	4.68		
Toluene*	<0.050	0.050	10/06/2022	ND	2.05	103	2.00	4.10		
Ethylbenzene*	<0.050	0.050	10/06/2022	ND	1.99	99.5	2.00	4.80		
Total Xylenes*	<0.150	0.150	10/06/2022	ND	6.07	101	6.00	4.58		
Total BTEx	<0.300	0.300	10/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/04/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2022	ND	199	99.3	200	3.21	
DRO >C10-C28*	<10.0	10.0	10/04/2022	ND	188	93.8	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/04/2022	ND					

Surrogate: 1-Chlorooctane 79.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.8 % 46.3-178

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO										ANALYSIS REQUEST											
Project Manager: Daniel Dominguez		Company: Frontier Field Services, LLC																							
Address: PO Box 1058		Attn: Amber Groves																							
City: Hobbs	State: NM	Zip: 88241																							
Phone #: 575 393-3386	Fax #:	Address: 47 Conoco Rd.																							
Project #:	Project Owner: Frontier Field Services, LLC	City: Maljamar	State: NM	Zip: 88264																					
Project Name: Apache EAU M-14 A		Phone #: 575-703-7992																							
Project Location: U/L C Sec 11 T18S - R27E		Fax #:																							
Sampler Name: Jorge Valeriano																									
FOR LAB USE ONLY																									
Lab I.D. H224573	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS		MATRIX					PRESERV.		SAMPLING													
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021								
		1	FL132	C 1	X									9/30/22		X	X	X							
		2	FL133	C 1	X									9/30/22		X	X	X							
		3	FL134	C 1	X									9/30/22		X	X	X							
		4	SW13	C 1	X									9/30/22		X	X	X							
		5	SW14	C 1	X									9/30/22		X	X	X							
		6	SW15	C 1	X									9/30/22		X	X	X							
		7	SW16	C 1	X									9/30/22		X	X	X							
		8	SW17	C 1	X									9/30/22		X	X	X							
		9	SW18	C 1	X									9/30/22		X	X	X							
		10	SW19	C 1	X									9/30/22		X	X	X							
		PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																							
		Reinquished By: Jorge Valeriano		Date: 9/30/22	Received By: Jennifer A. Blalock																				
		Reinquished By:		Date:	Received By:																				
		Delivered By: (Circle One)		Sample Condition		CHECKED BY: (Initials)																			
		Sampler - UPS - Bus - Other: 3.5c/a.9c #113		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																			
		† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		REMARKS:							Email results to: pm@hungry-horse.com agroves@durangomidstream.com								



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

October 11, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: APACHE EAU M-14 A

Enclosed are the results of analyses for samples received by the laboratory on 10/06/22 16:00.

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 163 (H224706-01)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/10/2022	ND	2.20	110	2.00	2.06	
Toluene*	<0.050	0.050	10/10/2022	ND	2.09	104	2.00	2.50	
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	2.01	100	2.00	2.13	
Total Xylenes*	<0.150	0.150	10/10/2022	ND	6.11	102	6.00	1.83	
Total BTX	<0.300	0.300	10/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 69.9-140

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	7.69	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	203	101	200	0.887	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	203	102	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					

Surrogate: 1-Chlorooctane 61.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 164 (H224706-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.20	110	2.00	2.06		
Toluene*	<0.050	0.050	10/10/2022	ND	2.09	104	2.00	2.50		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	2.01	100	2.00	2.13		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	6.11	102	6.00	1.83		
Total BTEX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	0.00694	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	197	98.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 75.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 165 (H224706-03)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/10/2022	ND	2.20	110	2.00	2.06	
Toluene*	<0.050	0.050	10/10/2022	ND	2.09	104	2.00	2.50	
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	2.01	100	2.00	2.13	
Total Xylenes*	<0.150	0.150	10/10/2022	ND	6.11	102	6.00	1.83	
Total BTX	<0.300	0.300	10/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	0.00694	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	197	98.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 86.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 166 (H224706-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.20	110	2.00	2.06		
Toluene*	<0.050	0.050	10/10/2022	ND	2.09	104	2.00	2.50		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	2.01	100	2.00	2.13		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	6.11	102	6.00	1.83		
Total BTEx	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	0.00694	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	197	98.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 83.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 167 (H224706-05)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.05	102	2.00	1.53		
Toluene*	<0.050	0.050	10/10/2022	ND	1.87	93.4	2.00	6.44		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.82	91.0	2.00	7.51		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.99	99.9	6.00	0.320		
Total BTEX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	0.00694	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	197	98.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 168 (H224706-06)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.05	102	2.00	1.53		
Toluene*	<0.050	0.050	10/10/2022	ND	1.87	93.4	2.00	6.44		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.82	91.0	2.00	7.51		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.99	99.9	6.00	0.320		
Total BTEX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/11/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	0.00694	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	197	98.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 71.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 169 (H224706-07)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.05	102	2.00	1.53		
Toluene*	<0.050	0.050	10/10/2022	ND	1.87	93.4	2.00	6.44		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.82	91.0	2.00	7.51		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.99	99.9	6.00	0.320		
Total BTX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	0.00694	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	197	98.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 170 (H224706-08)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.05	102	2.00	1.53		
Toluene*	<0.050	0.050	10/10/2022	ND	1.87	93.4	2.00	6.44		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.82	91.0	2.00	7.51		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.99	99.9	6.00	0.320		
Total BTEX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	0.00694	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	197	98.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 77.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 171 (H224706-09)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.05	102	2.00	1.53		
Toluene*	<0.050	0.050	10/10/2022	ND	1.87	93.4	2.00	6.44		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.82	91.0	2.00	7.51		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.99	99.9	6.00	0.320		
Total BTEX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	0.00694	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	197	98.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 86.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 172 (H224706-10)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.05	102	2.00	1.53		
Toluene*	<0.050	0.050	10/10/2022	ND	1.87	93.4	2.00	6.44		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.82	91.0	2.00	7.51		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.99	99.9	6.00	0.320		
Total BTEX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 76.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 173 (H224706-11)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.05	102	2.00	1.53		
Toluene*	<0.050	0.050	10/10/2022	ND	1.87	93.4	2.00	6.44		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.82	91.0	2.00	7.51		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.99	99.9	6.00	0.320		
Total BTEX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 64.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 174 (H224706-12)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.05	102	2.00	1.53		
Toluene*	<0.050	0.050	10/10/2022	ND	1.87	93.4	2.00	6.44		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.82	91.0	2.00	7.51		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.99	99.9	6.00	0.320		
Total BTEX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 79.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 175 (H224706-13)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.05	102	2.00	1.53		
Toluene*	<0.050	0.050	10/10/2022	ND	1.87	93.4	2.00	6.44		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.82	91.0	2.00	7.51		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.99	99.9	6.00	0.320		
Total BTEX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 176 (H224706-14)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.05	102	2.00	1.53		
Toluene*	<0.050	0.050	10/10/2022	ND	1.87	93.4	2.00	6.44		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.82	91.0	2.00	7.51		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.99	99.9	6.00	0.320		
Total BTEx	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 66.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 177 (H224706-15)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.05	102	2.00	1.53		
Toluene*	<0.050	0.050	10/10/2022	ND	1.87	93.4	2.00	6.44		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.82	91.0	2.00	7.51		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.99	99.9	6.00	0.320		
Total BTEx	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 83.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 178 (H224706-16)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.05	102	2.00	1.53		
Toluene*	<0.050	0.050	10/10/2022	ND	1.87	93.4	2.00	6.44		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.82	91.0	2.00	7.51		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.99	99.9	6.00	0.320		
Total BTEX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 86.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 179 (H224706-17)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.03	101	2.00	1.88		
Toluene*	<0.050	0.050	10/10/2022	ND	2.01	100	2.00	1.97		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.96	98.0	2.00	2.48		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.94	99.0	6.00	2.64		
Total BTX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 80.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 180 (H224706-18)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.03	101	2.00	1.88		
Toluene*	<0.050	0.050	10/10/2022	ND	2.01	100	2.00	1.97		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.96	98.0	2.00	2.48		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.94	99.0	6.00	2.64		
Total BTEx	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 80.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 181 (H224706-19)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.03	101	2.00	1.88		
Toluene*	<0.050	0.050	10/10/2022	ND	2.01	100	2.00	1.97		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.96	98.0	2.00	2.48		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.94	99.0	6.00	2.64		
Total BTEX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 85.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 182 (H224706-20)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.03	101	2.00	1.88		
Toluene*	<0.050	0.050	10/10/2022	ND	2.01	100	2.00	1.97		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.96	98.0	2.00	2.48		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.94	99.0	6.00	2.64		
Total BTEx	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 86.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 183 (H224706-21)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.03	101	2.00	1.88		
Toluene*	<0.050	0.050	10/10/2022	ND	2.01	100	2.00	1.97		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.96	98.0	2.00	2.48		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.94	99.0	6.00	2.64		
Total BTEX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 62.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 184 (H224706-22)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.03	101	2.00	1.88		
Toluene*	<0.050	0.050	10/10/2022	ND	2.01	100	2.00	1.97		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.96	98.0	2.00	2.48		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.94	99.0	6.00	2.64		
Total BTEX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 70.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 185 (H224706-23)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.03	101	2.00	1.88		
Toluene*	<0.050	0.050	10/10/2022	ND	2.01	100	2.00	1.97		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.96	98.0	2.00	2.48		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	5.94	99.0	6.00	2.64		
Total BTEx	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 57.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 65.3 % 46.3-178

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Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 186 (H224706-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.17	109	2.00	4.71		
Toluene*	<0.050	0.050	10/10/2022	ND	2.06	103	2.00	4.83		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.99	99.7	2.00	5.36		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	6.07	101	6.00	5.20		
Total BTEX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 67.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 187 (H224706-25)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/10/2022	ND	2.17	109	2.00	4.71	
Toluene*	<0.050	0.050	10/10/2022	ND	2.06	103	2.00	4.83	
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.99	99.7	2.00	5.36	
Total Xylenes*	<0.150	0.150	10/10/2022	ND	6.07	101	6.00	5.20	
Total BTX	<0.300	0.300	10/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 75.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 188 (H224706-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.17	109	2.00	4.71		
Toluene*	<0.050	0.050	10/10/2022	ND	2.06	103	2.00	4.83		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.99	99.7	2.00	5.36		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	6.07	101	6.00	5.20		
Total BTEx	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 75.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.2 % 46.3-178

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Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 189 (H224706-27)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/10/2022	ND	2.17	109	2.00	4.71	
Toluene*	<0.050	0.050	10/10/2022	ND	2.06	103	2.00	4.83	
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.99	99.7	2.00	5.36	
Total Xylenes*	<0.150	0.150	10/10/2022	ND	6.07	101	6.00	5.20	
Total BTX	<0.300	0.300	10/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 79.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL190 (H224706-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2022	ND	2.17	109	2.00	4.71		
Toluene*	<0.050	0.050	10/10/2022	ND	2.06	103	2.00	4.83		
Ethylbenzene*	<0.050	0.050	10/10/2022	ND	1.99	99.7	2.00	5.36		
Total Xylenes*	<0.150	0.150	10/10/2022	ND	6.07	101	6.00	5.20		
Total BTEX	<0.300	0.300	10/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 70.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 39 (H224706-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2022	ND	2.17	109	2.00	4.71		
Toluene*	<0.050	0.050	10/11/2022	ND	2.06	103	2.00	4.83		
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.99	99.7	2.00	5.36		
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.07	101	6.00	5.20		
Total BTEx	<0.300	0.300	10/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/11/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	202	101	200	1.02	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	187	93.6	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 40 (H224706-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2022	ND	2.17	109	2.00	4.71		
Toluene*	<0.050	0.050	10/11/2022	ND	2.06	103	2.00	4.83		
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.99	99.7	2.00	5.36		
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.07	101	6.00	5.20		
Total BTEX	<0.300	0.300	10/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/11/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 41 (H224706-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2022	ND	2.17	109	2.00	4.71		
Toluene*	<0.050	0.050	10/11/2022	ND	2.06	103	2.00	4.83		
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.99	99.7	2.00	5.36		
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.07	101	6.00	5.20		
Total BTEx	<0.300	0.300	10/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 42 (H224706-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2022	ND	2.17	109	2.00	4.71		
Toluene*	<0.050	0.050	10/11/2022	ND	2.06	103	2.00	4.83		
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.99	99.7	2.00	5.36		
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.07	101	6.00	5.20		
Total BTEx	<0.300	0.300	10/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 86.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 43 (H224706-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2022	ND	2.17	109	2.00	4.71		
Toluene*	<0.050	0.050	10/11/2022	ND	2.06	103	2.00	4.83		
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.99	99.7	2.00	5.36		
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.07	101	6.00	5.20		
Total BTEx	<0.300	0.300	10/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/11/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 76.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 44 (H224706-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2022	ND	2.17	109	2.00	4.71		
Toluene*	<0.050	0.050	10/11/2022	ND	2.06	103	2.00	4.83		
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.99	99.7	2.00	5.36		
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.07	101	6.00	5.20		
Total BTEx	<0.300	0.300	10/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/11/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 45 (H224706-35)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.17	109	2.00	4.71	
Toluene*	<0.050	0.050	10/11/2022	ND	2.06	103	2.00	4.83	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.99	99.7	2.00	5.36	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.07	101	6.00	5.20	
Total BTEx	<0.300	0.300	10/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/11/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 46 (H224706-36)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.17	109	2.00	4.71	
Toluene*	<0.050	0.050	10/11/2022	ND	2.06	103	2.00	4.83	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.99	99.7	2.00	5.36	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.07	101	6.00	5.20	
Total BTX	<0.300	0.300	10/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 89.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 47 (H224706-37)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.17	109	2.00	4.71	
Toluene*	<0.050	0.050	10/11/2022	ND	2.06	103	2.00	4.83	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.99	99.7	2.00	5.36	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.07	101	6.00	5.20	
Total BTEx	<0.300	0.300	10/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 96.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 48 (H224706-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2022	ND	2.17	109	2.00	4.71		
Toluene*	<0.050	0.050	10/11/2022	ND	2.06	103	2.00	4.83		
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.99	99.7	2.00	5.36		
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.07	101	6.00	5.20		
Total BTEx	<0.300	0.300	10/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 49 (H224706-39)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.17	109	2.00	4.71	
Toluene*	<0.050	0.050	10/11/2022	ND	2.06	103	2.00	4.83	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.99	99.7	2.00	5.36	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.07	101	6.00	5.20	
Total BTEx	<0.300	0.300	10/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/11/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/10/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/10/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/06/2022	Sampling Date:	10/06/2022
Reported:	10/11/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 50 (H224706-40)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2022	ND	2.17	109	2.00	4.71		
Toluene*	<0.050	0.050	10/11/2022	ND	2.06	103	2.00	4.83		
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.99	99.7	2.00	5.36		
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.07	101	6.00	5.20		
Total BTX	<0.300	0.300	10/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.98	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.1	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

Page 44 of 46

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Phone Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Phone #:
Fax Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Fax #:
REMARKS:			
Email results to: pm@hungry-horse.com agroves@durangomidstream.com			



Page 45 of 46

[illegible]

SAMPLING

(G)RAB OR (C)OMP	
# CONTAINERS	
GROUNDWATER	
WASTEWATER	
SOIL	
OIL	
SLUDGE	
OTHER :	
ACID/BASE:	
ICE / COOL	
OTHER :	
DATE	
TIME	

Chloride	
TPH	
BTEX 8021	

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2001

✓

CHECKED BY _____
(Name)

(initials)

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



ANALYSIS REQUEST

[illegible][illegible]

31	SW41	C	1	X				X		X	X	X								
32	SW42	C	1	X				X		10/6/22	X	X	X							
33	SW43	C	1	X				X		10/6/22	X	X	X							
34	SW44	C	1	X				X		10/6/22	X	X	X							
35	SW45	C	1	X				X		10/6/22	X	X	X							
36	SW46	C	1	X				X		10/6/22	X	X	X							
37	SW47	C	1	X				X		10/6/22	X	X	X							
38	SW48	C	1	X				X		10/6/22	X	X	X							
39	SW49	C	1	X				X		10/6/22	X	X	X							
40	SW50	C	1	X				X		10/6/22	X	X	X							

agroves@durangomidstream.com

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



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

October 17, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: APACHE EAU M-14 A

Enclosed are the results of analyses for samples received by the laboratory on 10/11/22 14:00.

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 150 (H224770-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2022	ND	2.32	116	2.00	4.87	
Toluene*	<0.050	0.050	10/14/2022	ND	2.21	110	2.00	4.79	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.15	107	2.00	4.59	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.48	108	6.00	4.14	
Total BTEX	<0.300	0.300	10/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	193	96.3	200	0.921	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	194	96.9	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 151 (H224770-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.32	116	2.00	4.87		
Toluene*	<0.050	0.050	10/14/2022	ND	2.21	110	2.00	4.79		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.15	107	2.00	4.59		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.48	108	6.00	4.14		
Total BTX	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/13/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	193	96.3	200	0.921	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	194	96.9	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 152 (H224770-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.32	116	2.00	4.87		
Toluene*	<0.050	0.050	10/14/2022	ND	2.21	110	2.00	4.79		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.15	107	2.00	4.59		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.48	108	6.00	4.14		
Total BTEx	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	193	96.3	200	0.921	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	194	96.9	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 90.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 153 (H224770-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.32	116	2.00	4.87		
Toluene*	<0.050	0.050	10/14/2022	ND	2.21	110	2.00	4.79		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.15	107	2.00	4.59		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.48	108	6.00	4.14		
Total BTX	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/13/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	193	96.3	200	0.921	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	194	96.9	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 91.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 154 (H224770-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.32	116	2.00	4.87		
Toluene*	<0.050	0.050	10/14/2022	ND	2.21	110	2.00	4.79		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.15	107	2.00	4.59		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.48	108	6.00	4.14		
Total BTEx	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	193	96.3	200	0.921	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	194	96.9	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 83.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 155 (H224770-06)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.32	116	2.00	4.87		
Toluene*	<0.050	0.050	10/14/2022	ND	2.21	110	2.00	4.79		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.15	107	2.00	4.59		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.48	108	6.00	4.14		
Total BTX	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	193	96.3	200	0.921	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	194	96.9	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 156 (H224770-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.32	116	2.00	4.87		
Toluene*	<0.050	0.050	10/14/2022	ND	2.21	110	2.00	4.79		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.15	107	2.00	4.59		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.48	108	6.00	4.14		
Total BTEx	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	193	96.3	200	0.921	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	194	96.9	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 157 (H224770-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.32	116	2.00	4.87		
Toluene*	<0.050	0.050	10/14/2022	ND	2.21	110	2.00	4.79		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.15	107	2.00	4.59		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.48	108	6.00	4.14		
Total BTEx	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	193	96.3	200	0.921	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	194	96.9	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 81.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 158 (H224770-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.32	116	2.00	4.87		
Toluene*	<0.050	0.050	10/14/2022	ND	2.21	110	2.00	4.79		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.15	107	2.00	4.59		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.48	108	6.00	4.14		
Total BTEx	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	197	98.4	200	0.879	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	200	99.9	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 159 (H224770-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.32	116	2.00	4.87		
Toluene*	<0.050	0.050	10/14/2022	ND	2.21	110	2.00	4.79		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.15	107	2.00	4.59		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.48	108	6.00	4.14		
Total BTEx	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	197	98.4	200	0.879	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	200	99.9	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 160 (H224770-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.32	116	2.00	4.87		
Toluene*	<0.050	0.050	10/14/2022	ND	2.21	110	2.00	4.79		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.15	107	2.00	4.59		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.48	108	6.00	4.14		
Total BTEx	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	197	98.4	200	0.879	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	200	99.9	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 94.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 161 (H224770-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.32	116	2.00	4.87		
Toluene*	<0.050	0.050	10/14/2022	ND	2.21	110	2.00	4.79		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.15	107	2.00	4.59		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.48	108	6.00	4.14		
Total BTEX	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/13/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	197	98.4	200	0.879	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	200	99.9	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: FL 162 (H224770-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.06	103	2.00	1.95		
Toluene*	<0.050	0.050	10/14/2022	ND	2.16	108	2.00	0.592		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.7	2.00	0.962		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	5.99	99.8	6.00	0.573		
Total BTEX	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/13/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	197	98.4	200	0.879	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	200	99.9	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 92.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 35 (H224770-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.06	103	2.00	1.95		
Toluene*	<0.050	0.050	10/14/2022	ND	2.16	108	2.00	0.592		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.7	2.00	0.962		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	5.99	99.8	6.00	0.573		
Total BTEx	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/13/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	197	98.4	200	0.879	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	200	99.9	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 92.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 36 (H224770-15)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.06	103	2.00	1.95		
Toluene*	<0.050	0.050	10/14/2022	ND	2.16	108	2.00	0.592		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.7	2.00	0.962		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	5.99	99.8	6.00	0.573		
Total BTX	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	197	98.4	200	0.879	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	200	99.9	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 93.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 37 (H224770-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.06	103	2.00	1.95		
Toluene*	<0.050	0.050	10/14/2022	ND	2.16	108	2.00	0.592		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.7	2.00	0.962		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	5.99	99.8	6.00	0.573		
Total BTEx	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	197	98.4	200	0.879	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	200	99.9	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 97.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/11/2022	Sampling Date:	10/11/2022
Reported:	10/17/2022	Sampling Type:	Soil
Project Name:	APACHE EAU M-14 A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	FRONTIER - UL/ C SEC 11 T18S - R27E		

Sample ID: SW 38 (H224770-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.06	103	2.00	1.95		
Toluene*	<0.050	0.050	10/14/2022	ND	2.16	108	2.00	0.592		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.7	2.00	0.962		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	5.99	99.8	6.00	0.573		
Total BTEx	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/13/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	197	98.4	200	0.879	
DRO >C10-C28*	20.9	10.0	10/13/2022	ND	200	99.9	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 92.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

Attachment VII

NMOCD Form Initial C-141 – Incident # nAPP2124433001

NMOCD Form Initial C-141 – Incident # nAPP2210450731

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

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

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

Incident ID	NAPP2124433001
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Frontier Field Services, LLS	OGRID: 221115
Contact Name: Mary Taylor	Contact Telephone: 364-224-2459
Contact email: mtaylor@durangomidstream.com	Incident # (assigned by OCD): nAPP2124433001
Contact mailing address: 10077 Grogans Mill Rd., Suite 300; The Woodlands, TX, 77380	

Location of Release Source

Latitude 32.766513 Longitude -104.252503
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Apache EAU M-14 A	Site Type: Poly Line
Date Release Discovered: 8/26/2021	API# (if applicable): NA

Unit Letter	Section	Township	Range	County
C	11	18S	27E	Eddy

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls): 23.52	Volume Recovered (bbls): 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The release is attributed to a rupture in the poly line.

Incident ID	NAPP2124433001
District RP	
Facility ID	
Application ID	

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

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Printed Name: Mary Taylor_____ Title: Environmental Compliance Manager_____ Signature:_____ Date: 9/3/2021_____ email: mtaylor@durangomidstream.com_ Telephone: 346-224-2459_____
<u>OCD Only</u> Received by: Ramona Marcus_____ Date: 9/22/2021_____

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

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

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

Incident ID	nAPP2210450731
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Frontier Field Services, LLC	OGRID 221115
Contact Name Amber Groves	Contact Telephone 575-703-7992
Contact email agroves@durangomidstream.com	Incident # (assigned by OCD)
Contact mailing address 47 Conoco Rd, Maljamar NM 88264	

Location of Release Source

Latitude 32.766513 Longitude -104.252503
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Frontier Apache EAU M-14 (2)	Site Type Pipeline
Date Release Discovered 4/11/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
C	11	18S	27E	Eddy

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 14.46	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls) 0
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Poly high threshold pressure. This release is overspray and is in the area of nAPP2124433001. Remediation activities will be conducted in conjunction.

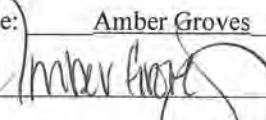
Oil Conservation Division

Incident ID	nAPP2210450731
District RP	
Facility ID	
Application ID	

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

Initial Response

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

<p><input checked="" type="checkbox"/> The source of the release has been stopped.</p> <p><input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.</p> <p><input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.</p> <p><input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.</p>	
<p>If all the actions described above have <u>not</u> been undertaken, explain why:</p> 	
<p>Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.</p>	
<p>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.</p>	
<p>Printed Name: <u>Amber Groves</u></p>	<p>Title: <u>Remediation Specialist</u></p>
<p>Signature: <u></u></p>	<p>Date: <u>4/14/2022</u></p>
<p>email: <u>agroves@durangomidstream.com</u></p>	<p>Telephone: <u>(575)703-7992</u></p>
<p><u>OCD Only</u></p>	
<p>Received by: _____</p>	<p>Date: _____</p>

Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels
Clay	0.15	100	50	0.0415	207.5	5.55
Sandy Clay	0.12				0	0.00
Silt	0.16				0	0.00
Fine Sand	0.16				0	0.00
Medium Sand	0.25				0	0.00
Coarse Sand	0.26				0	0.00
Gravelly Sand	0.26				0	0.00
Fine Gravel	0.26				0	0.00
Medium Gravel	0.20				0	0.00
Coarse Gravel	0.18				0	0.00
Sandstone	0.25	100	20	0.1	200	8.91
Siltstone	0.18				0	0.00
Limestone	0.13				0	0.00
Basalt	0.19				0	0.00
Standing Liquids	X				0	0.00

Choose the one prevailing ground type for estimating spill volumes at a single location. Standing liquids are figured separately using the green cell.

Note that the depth should be measured in feet and tenths of feet (1 inch = .083)

Cubic Feet = L x W x D

Estimated Barrels = ((Cubic Feet x Porosity) / 5.61)

Incident ID	nAPP2210450731
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Amber Groves Title: Sr. Environmental Specialist

Signature:  Date: 11/17/2022

email: agroves@durangomidstream.com Telephone: 575-703-7992

OCD Only

Received by: Robert Hamlet Date: 2/17/2023

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: 2/17/2023

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 160145

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 160145
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2210450731 FRONTIER APACHE EAU M-14 (2), thank you. This closure is approved.	2/17/2023