

Incident ID	NRM2003457957
District RP	
Facility ID	
Application ID	

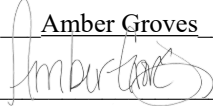
Closure

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: 3/15/2023
email: agroves@durangomidstream.com Telephone: (575)703-7992

OCD Only

Received by: Robert Hamlet Date: 7/25/2023

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: 7/25/2023
Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

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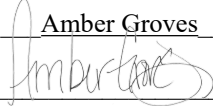
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Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

March 2023

Frontier Field Services, LLC
Chaves 7" Steel PPL ROW – NRM2003457957
UL-M, Sec 22, T15S, R29E
32.99403, -104.023292



The following summary serves as a supplemental report to the submitted Safety & Environmental Solutions, Inc. (SESI) Closure Report, NRM2003457957. This summary details sampling activities undertaken at the afore referenced reportable Site.

The release of 10 bbl of condensate occurred on December 20, 2019, after an overnight freeze led to a steel pipeline rupture. Rocky Peak was contracted to excavate the release area and repair the line. SESI was contracted to remediate the release area. Upon completion of remediation activities SESI prepared a Closure Report for submittal to the NMOCD. On September 23, 2022, the submitted Closure Report was rejected by the NMOCD due to inadequate sampling on the lease road. Frontier Field Services then contracted Hungry Horse, LLC to sample the lease road and remediate if necessary.

On November 3, 2022, Hungry Horse personnel conducted a site assessment and sampled the release area on the lease road. Samples were collected and field screened for the presence of chloride utilizing a Hach Quantab chloride test kit. Field testing results indicated the lease road was not impacted above the NMOCD Closure Criteria and no excavation of the lease road area was needed.

On November 3, 2022, twelve soil samples, collected at two sample locations, from surface through five feet bgs were sent to the lab for analysis of BTEX, TPH, and chloride. Laboratory analytical data indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

Upon completion of sampling activities Frontier Field Service submitted a revised Closure Report to the NMOCD. On February 15, 2023, the submitted Closure Report was rejected by the NMOCD citing inadequate sampling on the overspray area at the east end of the release area and sidewall sampling of the road area. Frontier Field Services then contracted Hungry Horse, LLC to sample the overspray area and remediate if necessary.

On February 23, 2023, Hungry Horse personnel arrived on location to sample the overspray area. Forty-four composite surface soil samples, SP35 – SP78, were collected from the overspray area. Horizontal soil samples were also collected from the inferred edges of the overspray area as well as the section of the road release area that had not been sampled by SESI. Twenty soil samples, collected at ten sample locations, HZ1 – HZ10, from surface and one-foot bgs were sent to the lab for analysis of BTEX, TPH, and chloride. Samples were not field tested. Laboratory analytical data indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

On February 28, 2022, Hungry Horse personnel arrived on location for sidewall sampling of the section of the road release area that had not been sampled by SESI. Eighteen sidewall soil samples, collected at three sample locations, SP3 – SP5, from surface through five feet bgs were sent to the lab for analysis of BTEX, TPH, and chloride. Samples were not field tested. Laboratory analytical data indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples. Analytical Table, Sample Map, and Laboratory Analytical Results are attached for reference.

Based on SESI remediation activities and these supplemental laboratory analytical results, Frontier Field Services, LLC respectfully requests closure of the Chaves 7" Steel PPL ROW, NRM2003457957.

Respectfully,



Daniel Dominguez

Environmental Manager

Hungry Horse, LLC

(575) 408-3134

ddominguez@hungry-horse.com

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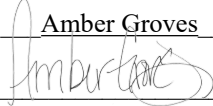
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Closure Approved by: _____ Date: _____

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TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Frontier Field Services, LLC
Chaves 7"
NMOCD Ref. #: NRM2003457957

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	11/3/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	11/3/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	11/3/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
	11/3/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
	11/3/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
	11/3/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
SP2	11/3/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	11/3/22	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
	11/3/22	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
	11/3/22	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
	11/3/22	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
	11/3/22	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
SP3	2/28/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	2/28/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	2/28/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
	2/28/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
	2/28/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
	2/28/23	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
SP4	2/28/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	2/28/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	2/28/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
	2/28/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
	2/28/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
	2/28/23	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
SP5	2/28/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	2/28/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
	2/28/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
	2/28/23	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
	2/28/23	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
	2/28/23	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
SP35	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP36	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP37	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP38	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP39	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP40	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP41	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP42	2/23/23	Surf	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

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Summary of Soil Sample Laboratory Analytical Results
Frontier Field Services, LLC
Chaves 7"
NMOCD Ref. #: NRM2003457957

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)
SP43	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP44	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP45	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP46	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP47	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP48	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP49	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP50	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP51	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP52	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP53	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP54	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP55	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP56	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP57	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP58	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP59	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP60	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP61	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP62	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP63	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP64	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP65	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP66	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP67	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP68	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP69	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP70	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP71	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP72	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP73	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP74	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP75	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SP76	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP77	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP78	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
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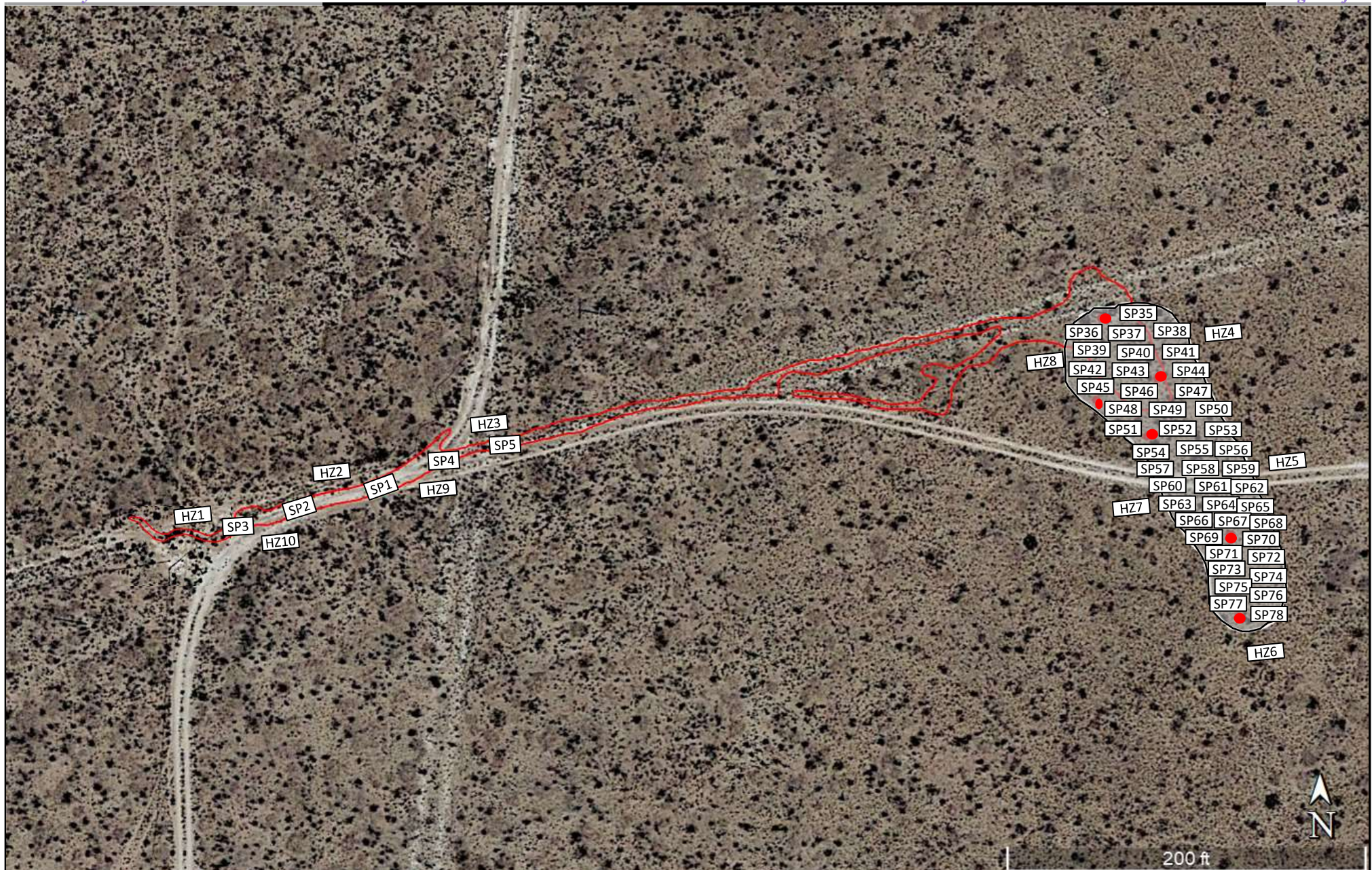
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HZ1	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	2/23/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ2	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	2/23/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ3	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	2/23/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ4	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	2/23/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ5	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	2/23/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ6	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	2/23/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ7	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	2/23/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ8	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	2/23/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ9	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	2/23/23	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
HZ10	2/23/23	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	2/23/23	1	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

**Figure 4**

Delineation Sample Map
 Frontier Field Services, LLC
 Chaves 7"
 GPS: 32.99403, -104.023292
 Chaves County

Legend:

- Release Area
- Overspray Area
- SP1 Composite Confirmation Sample Location
- SESI Sample Location

Drafted: dd
 Checked: bw
 Date: 2/27/23





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

November 10, 2022

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: CHAVES 7"

Enclosed are the results of analyses for samples received by the laboratory on 11/03/22 13:41.

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:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 1 - SURF (H225201-01)

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	11/08/2022	ND	2.07	103	2.00	1.74	
Toluene*	<0.050	0.050	11/08/2022	ND	2.12	106	2.00	3.07	
Ethylbenzene*	<0.050	0.050	11/08/2022	ND	2.08	104	2.00	0.522	
Total Xylenes*	<0.150	0.150	11/08/2022	ND	6.41	107	6.00	3.53	
Total BTX	<0.300	0.300	11/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	11/04/2022	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	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 73.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.7 % 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: 11/03/2022
 Reported: 11/10/2022
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 11/03/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 - 1' (H225201-02)

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	11/08/2022	ND	2.07	103	2.00	1.74		
Toluene*	<0.050	0.050	11/08/2022	ND	2.12	106	2.00	3.07		
Ethylbenzene*	<0.050	0.050	11/08/2022	ND	2.08	104	2.00	0.522		
Total Xylenes*	<0.150	0.150	11/08/2022	ND	6.41	107	6.00	3.53		
Total BTX	<0.300	0.300	11/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	11/04/2022	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	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.4 % 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:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 1 - 2' (H225201-03)

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	11/09/2022	ND	1.95	97.3	2.00	4.98		
Toluene*	<0.050	0.050	11/09/2022	ND	2.16	108	2.00	4.88		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.01	101	2.00	4.89		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.13	102	6.00	6.24		
Total BTX	<0.300	0.300	11/09/2022	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	11/04/2022	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	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 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: 11/03/2022
 Reported: 11/10/2022
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 11/03/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 - 3' (H225201-04)

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	11/09/2022	ND	1.95	97.3	2.00	4.98	
Toluene*	<0.050	0.050	11/09/2022	ND	2.16	108	2.00	4.88	
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.01	101	2.00	4.89	
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.13	102	6.00	6.24	
Total BTX	<0.300	0.300	11/09/2022	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	240	16.0	11/04/2022	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	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 96.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 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:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 1 - 4' (H225201-05)

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	11/09/2022	ND	1.95	97.3	2.00	4.98		
Toluene*	<0.050	0.050	11/09/2022	ND	2.16	108	2.00	4.88		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.01	101	2.00	4.89		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.13	102	6.00	6.24		
Total BTX	<0.300	0.300	11/09/2022	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	288	16.0	11/04/2022	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	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 78.1 % 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: 11/03/2022
 Reported: 11/10/2022
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 11/03/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 - 5' (H225201-06)

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	11/09/2022	ND	1.95	97.3	2.00	4.98		
Toluene*	<0.050	0.050	11/09/2022	ND	2.16	108	2.00	4.88		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.01	101	2.00	4.89	GC-NC	
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.13	102	6.00	6.24		
Total BTX	<0.300	0.300	11/09/2022	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	352	16.0	11/04/2022	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	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.4 % 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:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 2 - SURF (H225201-07)

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	11/09/2022	ND	1.95	97.3	2.00	4.98	
Toluene*	<0.050	0.050	11/09/2022	ND	2.16	108	2.00	4.88	
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.01	101	2.00	4.89	
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.13	102	6.00	6.24	
Total BTX	<0.300	0.300	11/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	16.0	16.0	11/04/2022	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	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 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:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 2 - 1' (H225201-08)

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	11/09/2022	ND	1.95	97.3	2.00	4.98		
Toluene*	<0.050	0.050	11/09/2022	ND	2.16	108	2.00	4.88		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.01	101	2.00	4.89		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.13	102	6.00	6.24		
Total BTEx	<0.300	0.300	11/09/2022	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	304	16.0	11/04/2022	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	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.2 % 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:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 2 - 2' (H225201-09)

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	11/09/2022	ND	1.95	97.3	2.00	4.98		
Toluene*	<0.050	0.050	11/09/2022	ND	2.16	108	2.00	4.88		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.01	101	2.00	4.89		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.13	102	6.00	6.24		
Total BTEx	<0.300	0.300	11/09/2022	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	304	16.0	11/04/2022	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	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 84.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.4 % 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:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 2 - 3' (H225201-10)

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	11/09/2022	ND	1.95	97.3	2.00	4.98		
Toluene*	<0.050	0.050	11/09/2022	ND	2.16	108	2.00	4.88		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.01	101	2.00	4.89		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.13	102	6.00	6.24		
Total BTX	<0.300	0.300	11/09/2022	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	336	16.0	11/04/2022	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	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 81.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.9 % 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:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 2 - 4' (H225201-11)

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	11/09/2022	ND	1.95	97.3	2.00	4.98		
Toluene*	<0.050	0.050	11/09/2022	ND	2.16	108	2.00	4.88		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.01	101	2.00	4.89		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.13	102	6.00	6.24		
Total BTEx	<0.300	0.300	11/09/2022	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	432	16.0	11/04/2022	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	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 86.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.7 % 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:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 2 - 5' (H225201-12)

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	11/09/2022	ND	1.95	97.3	2.00	4.98		
Toluene*	<0.050	0.050	11/09/2022	ND	2.16	108	2.00	4.88		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.01	101	2.00	4.89		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.13	102	6.00	6.24		
Total BTEx	<0.300	0.300	11/09/2022	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	336	16.0	11/04/2022	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	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 87.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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		Address: 47 Conoco Rd																							
Phone #: 575 393-3386		State: NM		Zip: 88241																					
Fax #:		City: Majamar																							
Project #:		State: NM		Zip: 88264																					
Project Name: Chaves 7"		Phone #: 575-703-7992																							
Project Location: U/L M Sec 22 T15S - R29E		Fax #:																							
Sampler Name: Eli Dominguez		Matrix:																							
FOR LAB USE ONLY		PRESERV.																							
Lab I.D. Sample I.D.		SAMPLING																							
H725261		DATE																							
1 SP1-Surf		TIME																							
2 SP1-1'		Chloride																							
3 SP1-2'		TPH																							
4 SP1-3'		BTEX 8021																							
5 SP1-4'																									
6 SP1-5'																									
7 SP2-Surf																									
8 SP2-1'																									
9 SP2-2'																									
10 SP2-3'																									
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Relinquished By: <i>Eli Dominguez</i>		Received By: <i>Sharon Adams</i>																							
Relinquished By:		Received By:																							
Date: 11/3/22		Time: 1:41																							
Delivered By: (Circle One)		Sample Condition																							
Sampler - UPS - Bus - Other: <i>6.1c/5.5c</i>		Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																					
CHECKED BY: <i>ap</i>																									
REMARKS:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:																					
Email results to: pm@hungry-horse.com		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:																					
agroves@durangomidstream.com																									



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

Page 16 of 16



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

February 28, 2023

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: CHAVES 7"

Enclosed are the results of analyses for samples received by the laboratory on 02/24/23 9:38.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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:	02/24/2023	Sampling Date:	02/23/2023
Reported:	02/28/2023	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Shalyn Rodriguez
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: HZ 1 - SURF (H230867-01)

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	02/25/2023	ND	2.07	103	2.00	0.0375		
Toluene*	<0.050	0.050	02/25/2023	ND	2.00	99.9	2.00	0.467		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.93	96.3	2.00	0.0880		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	5.86	97.7	6.00	0.812		
Total BTX	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	176	88.2	200	4.17	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	177	88.5	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 1 - 1' (H230867-02)

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	02/25/2023	ND	2.07	103	2.00	0.0375		
Toluene*	<0.050	0.050	02/25/2023	ND	2.00	99.9	2.00	0.467		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.93	96.3	2.00	0.0880		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	5.86	97.7	6.00	0.812		
Total BTEX	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	176	88.2	200	4.17	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	177	88.5	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 2 - SURF (H230867-03)

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	02/25/2023	ND	2.07	103	2.00	0.0375	
Toluene*	<0.050	0.050	02/25/2023	ND	2.00	99.9	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.93	96.3	2.00	0.0880	
Total Xylenes*	<0.150	0.150	02/25/2023	ND	5.86	97.7	6.00	0.812	
Total BTX	<0.300	0.300	02/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	195	97.7	200	6.02	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	169	84.6	200	14.0	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 2 - 1' (H230867-04)

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	02/25/2023	ND	2.09	105	2.00	1.33	QR-03
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620	QR-03
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333	QR-03
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486	
Total BTX	<0.300	0.300	02/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	195	97.7	200	6.02	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	169	84.6	200	14.0	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 3 - SURF (H230867-05)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTX	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	195	97.7	200	6.02	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	169	84.6	200	14.0	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 3 - 1' (H230867-06)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTEx	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	195	97.7	200	6.02	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	169	84.6	200	14.0	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 4 - SURF (H230867-07)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTEX	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 4 - 1' (H230867-08)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTEx	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 5 - SURF (H230867-09)

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	02/25/2023	ND	2.09	105	2.00	1.33	
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620	
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333	
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486	
Total BTX	<0.300	0.300	02/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

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

Received: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 5 - 1' (H230867-10)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTEX	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 6 - SURF (H230867-11)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTX	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 6 - 1' (H230867-12)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTEx	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 7 - SURF (H230867-13)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTX	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 7 - 1' (H230867-14)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTEx	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 8 - SURF (H230867-15)

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	02/25/2023	ND	2.09	105	2.00	1.33	
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620	
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333	
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486	
Total BTX	<0.300	0.300	02/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 8 - 1' (H230867-16)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTEX	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 9 - SURF (H230867-17)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTX	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 9 - 1' (H230867-18)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTX	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 10 - SURF (H230867-19)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTEx	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: HZ 10 - 1' (H230867-20)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTEX	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 35 (H230867-21)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTX	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 36 (H230867-22)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTEx	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 37 (H230867-23)

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	02/25/2023	ND	2.09	105	2.00	1.33		
Toluene*	<0.050	0.050	02/25/2023	ND	2.04	102	2.00	0.620		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	1.97	98.6	2.00	0.333		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.01	100	6.00	0.486		
Total BTEX	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 38 (H230867-24)

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	02/27/2023	ND	2.08	104	2.00	1.08		
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456		
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361	QM-07	
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130	QM-07	
Total BTEX	<0.300	0.300	02/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 39 (H230867-25)

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	02/27/2023	ND	2.08	104	2.00	1.08		
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456		
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361		
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130		
Total BTEx	<0.300	0.300	02/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 40 (H230867-26)

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	02/27/2023	ND	2.08	104	2.00	1.08	
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456	
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361	
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130	
Total BTEX	<0.300	0.300	02/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	194	97.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	193	96.3	200	0.525	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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

Received: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 41 (H230867-27)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	1.08	
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456	
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361	
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130	
Total BTEx	<0.300	0.300	02/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 42 (H230867-28)

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	02/27/2023	ND	2.08	104	2.00	1.08	
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456	
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361	
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130	
Total BTEX	<0.300	0.300	02/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 43 (H230867-29)

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	02/27/2023	ND	2.08	104	2.00	1.08		
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456		
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361		
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130		
Total BTEX	<0.300	0.300	02/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 44 (H230867-30)

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	02/27/2023	ND	2.08	104	2.00	1.08		
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456		
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361		
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130		
Total BTEX	<0.300	0.300	02/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 45 (H230867-31)

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	02/27/2023	ND	2.08	104	2.00	1.08	
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456	
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361	
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130	
Total BTX	<0.300	0.300	02/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

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

Received: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 46 (H230867-32)

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	02/27/2023	ND	2.08	104	2.00	1.08		
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456		
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361		
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130		
Total BTEx	<0.300	0.300	02/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 47 (H230867-33)

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	02/27/2023	ND	2.08	104	2.00	1.08	
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456	
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361	
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130	
Total BTEX	<0.300	0.300	02/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 48 (H230867-34)

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	02/27/2023	ND	2.08	104	2.00	1.08	
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456	
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361	
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130	
Total BTEx	<0.300	0.300	02/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 49 (H230867-35)

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	02/27/2023	ND	2.08	104	2.00	1.08		
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456		
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361		
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130		
Total BTEx	<0.300	0.300	02/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 50 (H230867-36)

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	02/27/2023	ND	2.08	104	2.00	1.08		
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456		
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361		
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130		
Total BTEx	<0.300	0.300	02/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 51 (H230867-37)

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	02/27/2023	ND	2.08	104	2.00	1.08		
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456		
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361		
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130		
Total BTEx	<0.300	0.300	02/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 52 (H230867-38)

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	02/27/2023	ND	2.08	104	2.00	1.08	
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456	
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361	
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130	
Total BTEX	<0.300	0.300	02/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 53 (H230867-39)

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	02/27/2023	ND	2.08	104	2.00	1.08	
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456	
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361	
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130	
Total BTEX	<0.300	0.300	02/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Analytical Results For:

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

Received: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 54 (H230867-40)

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	02/27/2023	ND	2.08	104	2.00	1.08		
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456		
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361		
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130		
Total BTEx	<0.300	0.300	02/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Analytical Results For:

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

Received: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 55 (H230867-41)

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	02/27/2023	ND	2.08	104	2.00	1.08		
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456		
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361		
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130		
Total BTEX	<0.300	0.300	02/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 56 (H230867-42)

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	02/27/2023	ND	2.08	104	2.00	1.08		
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456		
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361		
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130		
Total BTEX	<0.300	0.300	02/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 57 (H230867-43)

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	02/27/2023	ND	2.08	104	2.00	1.08	
Toluene*	<0.050	0.050	02/27/2023	ND	2.09	105	2.00	0.456	
Ethylbenzene*	<0.050	0.050	02/27/2023	ND	2.08	104	2.00	0.361	
Total Xylenes*	<0.150	0.150	02/27/2023	ND	6.32	105	6.00	0.0130	
Total BTEX	<0.300	0.300	02/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 58 (H230867-44)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTEx	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 59 (H230867-45)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTX	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 60 (H230867-46)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTEx	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	93.2	200	0.603	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 61 (H230867-47)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTEx	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	02/24/2023	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	02/24/2023	ND	195	97.4	200	2.65	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	92.9	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 62 (H230867-48)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTEx	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	02/27/2023	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	02/24/2023	ND	195	97.4	200	2.65	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	92.9	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 63 (H230867-49)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTX	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

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	02/27/2023	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	02/24/2023	ND	195	97.4	200	2.65	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	92.9	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 64 (H230867-50)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTEx	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

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	02/27/2023	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	02/24/2023	ND	195	97.4	200	2.65	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	92.9	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 65 (H230867-51)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTEx	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	02/27/2023	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	02/24/2023	ND	195	97.4	200	2.65	
DRO >C10-C28*	<10.0	10.0	02/24/2023	ND	186	92.9	200	4.77	
EXT DRO >C28-C36	<10.0	10.0	02/24/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 66 (H230867-52)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTEX	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	02/27/2023	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	02/28/2023	ND	197	98.3	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	190	95.2	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 69.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 67 (H230867-53)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTX	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	02/27/2023	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	02/28/2023	ND	197	98.3	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	190	95.2	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 68 (H230867-54)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTEx	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	02/27/2023	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	02/28/2023	ND	197	98.3	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	190	95.2	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 68.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 69 (H230867-55)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849		
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975		
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11		
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810		
Total BTX	<0.300	0.300	02/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	02/27/2023	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	02/28/2023	ND	197	98.3	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	190	95.2	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 70 (H230867-56)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTX	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

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	02/27/2023	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	02/28/2023	ND	197	98.3	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	190	95.2	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 71 (H230867-57)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTEX	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

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	02/27/2023	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	02/28/2023	ND	197	98.3	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	190	95.2	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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

Received: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 72 (H230867-58)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTEx	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

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	02/27/2023	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	02/28/2023	ND	197	98.3	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	190	95.2	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 73 (H230867-59)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTEx	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	02/27/2023	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	02/28/2023	ND	197	98.3	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	190	95.2	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 74 (H230867-60)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTEx	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	02/27/2023	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	02/28/2023	ND	197	98.3	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	190	95.2	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 75 (H230867-61)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTEx	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	02/27/2023	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	02/28/2023	ND	197	98.3	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	190	95.2	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 76 (H230867-62)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTEX	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	02/27/2023	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	02/28/2023	ND	197	98.3	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	190	95.2	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 77 (H230867-63)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.06	103	2.00	0.849	
Toluene*	<0.050	0.050	02/24/2023	ND	2.07	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	2.26	113	2.00	1.11	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	6.90	115	6.00	0.810	
Total BTEx	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

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	02/27/2023	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	02/28/2023	ND	197	98.3	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	190	95.2	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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: 02/24/2023
 Reported: 02/28/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 78 (H230867-64)

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	02/25/2023	ND	2.03	101	2.00	0.475	QM-07	
Toluene*	<0.050	0.050	02/25/2023	ND	2.03	101	2.00	1.91		
Ethylbenzene*	<0.050	0.050	02/25/2023	ND	2.00	99.9	2.00	1.94		
Total Xylenes*	<0.150	0.150	02/25/2023	ND	6.05	101	6.00	2.21		
Total BTEx	<0.300	0.300	02/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	02/27/2023	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	02/28/2023	ND	197	98.3	200	9.20	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	190	95.2	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

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		City: Maljamar																					
Fax #:		State: NM																					
Project #:		Zip: 88264																					
Project Name: Chaves 7"		Phone #: 575-703-7992																					
Project Location: U/L M Sec 22 T15S - R29E		Fax #:																					
Sampler Name: Eli Dominguez		PRESERV.:																					
FOR LAB USE ONLY		SAMPLING																					
Lab I.D.		DATE																					
Sample I.D.		TIME																					
1		2/23/23																					
2		2/23/23																					
3		2/23/23																					
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5		2/23/23																					
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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		Company: Frontier Field Services, LLC																																									
City: Hobbs		State: NM		Zip: 88241		Attn: Amber Groves																																							
Phone #: 575 393-3386		Fax #:		Address: 47 Conoco Rd																																									
Project #:		Project Owner: Frontier Field Services, LLC		City: Maljamar																																									
Project Name: Chaves 7 th		State: NM		Zip: 88264																																									
Project Location: UL/ M Sec 22 T15S - R29E		Phone #: 575-703-7992																																											
Sampler Name: Eli Dominguez		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											
21		SP35		C		1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
22		SP36		C		1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
23		SP37		C		1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
24		SP38		C		1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
25		SP39		C		1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
26		SP40		C		1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
27		SP41		C		1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
28		SP42		C		1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
29		SP43		C		1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
30		SP44		C		1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
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Relinquished By: [Signature]		Date: 2/24/23		Time: 9:38		Received By: [Signature]		Date: 2/24/23		Time: 9:38		Sample Condition: Cool Intact Yes [X] No []		CHECKED BY: [Signature]		REMARKS:																													
Relinquished By: [Signature]		Date: []		Time: []		Received By: [Signature]		Date: []		Time: []		Sample Condition: Cool Intact Yes [X] No []		CHECKED BY: [Signature]		Email results to: pm@hungry-horse.com agroves@durangomidstream.com																													
† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																																													



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(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		Company: Frontier Field Services, LLC																																							
City: Hobbs		State: NM		Zip: 88241		Attn: Amber Groves																																					
Phone #: 575 393-3386		Fax #:		Address: 47 Conoco Rd																																							
Project #:		Project Owner: Frontier Field Services, LLC		City: Maljamar																																							
Project Name: Chaves 7 th		State: NM		Zip: 88264																																							
Project Location: UL/ M Sec 22 T15S - R29E		Phone #: 575-703-7992		Fax #:																																							
Sampler Name: Eli Dominguez		FOR LAB USE ONLY		FAX #:																																							
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											
SP45		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP46		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP47		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP48		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP49		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP50		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP51		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP52		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP53		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP54		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP55		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP56		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP57		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP58		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP59		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP60		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP61		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP62		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP63		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP64		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP65		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP66		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP67		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP68		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP69		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP70		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP71		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP72		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP73		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP74		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP75		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP76		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP77		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP78		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP79		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP80		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP81		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP82		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP83		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP84		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP85		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP86		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP87		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP88		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP89		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP90		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP91		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP92		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP93		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP94		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP95		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP96		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP97		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP98		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP99		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
SP100		C 1		X		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													

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Relinquished By: <i>[Signature]</i>	Date: 2/24/23	Received By: <i>[Signature]</i>	Time: 9:38
Relinquished By:	Date:	Received By:	Time:
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		
	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		
	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		

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



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		Address: 47 Conoco Rd																					
Phone #: 575 393-3386		City: Maljamar																					
Fax #:		State: NM Zip: 88264																					
Project #:		Phone #: 575-703-7992																					
Project Name: Chaves 7 th		Fax #:																					
Project Location: UL/ M Sec 22 T15S - R29E																							
Sampler Name: Eli Dominguez																							
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.																					
103807		(G)RAB OR (C)OMP.																					
SP55		C 1																					
SP56		C 1																					
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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																																							
Project Name: Chaves 7 th		State: NM		Zip: 88264																																							
Project Location: UL/ M Sec 22 T15S - R29E		Phone #: 575-703-7992																																									
Sampler Name: Eli Dominguez		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											
51		SP65		C 1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
53		SP66		C 1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
54		SP67		C 1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
55		SP68		C 1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
56		SP69		C 1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
57		SP70		C 1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
58		SP71		C 1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
59		SP72		C 1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
60		SP73		C 1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
61		SP74		C 1		X		X		X		X		X		X		X		X		X		2/23/23		X		X		X													
PLEASE NOTE: Liability and Damages. Cardinal's liability and clients' exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. 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.																																											
Reinquisitioned By: <i>Adams</i>		Date: 2/24/23		Time: 4:36		Received By: <i>Shodique</i>		P.O. #:		Company:		Attn:		Address:		City:		State:		Zip:		Phone #:		Fax #:		REMARKS:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:									
Delivered By: (Circle One)		-V-L-I-K-O-C-I-		Sample Condition		Cool Intact		Checked By: <i>82</i>		Email results to: <i>pm@hungry-horse.com</i>		agroves@durangomidstream.com																															
Sampler - UPS - Bus - Other:		-702-#113		Sample Condition		Cool Intact		Checked By: <i>82</i>		Email results to: <i>pm@hungry-horse.com</i>		agroves@durangomidstream.com																															

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

March 08, 2023

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: CHAVES 7"

Enclosed are the results of analyses for samples received by the laboratory on 03/01/23 10:37.

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:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 3 - SURF (H230942-01)

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	03/02/2023	ND	2.04	102	2.00	14.2	
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3	
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9	
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7	
Total BTX	<0.300	0.300	03/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	03/01/2023	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	03/01/2023	ND	227	113	200	3.55	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	216	108	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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: 03/01/2023
 Reported: 03/08/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 - 1' (H230942-02)

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	03/02/2023	ND	2.04	102	2.00	14.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7		
Total BTEx	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	03/01/2023	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	03/01/2023	ND	227	113	200	3.55	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	216	108	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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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:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 3 - 2' (H230942-03)

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	03/02/2023	ND	2.04	102	2.00	14.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7		
Total BTEX	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	03/01/2023	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	03/01/2023	ND	227	113	200	3.55	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	216	108	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Analytical Results For:

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

Received: 03/01/2023
 Reported: 03/08/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 - 3' (H230942-04)

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	03/02/2023	ND	2.04	102	2.00	14.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7		
Total BTEx	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	03/01/2023	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	03/01/2023	ND	227	113	200	3.55	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	216	108	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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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: 03/01/2023
 Reported: 03/08/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 - 4 (H230942-05)

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	03/02/2023	ND	2.04	102	2.00	14.2	
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3	
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9	
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7	
Total BTEX	<0.300	0.300	03/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/01/2023	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	03/01/2023	ND	227	113	200	3.55	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	216	108	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 3 - 5' (H230942-06)

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	03/02/2023	ND	2.04	102	2.00	14.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7		
Total BTEX	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	03/01/2023	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	03/01/2023	ND	227	113	200	3.55	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	216	108	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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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:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 4 - SURF (H230942-07)

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	03/02/2023	ND	2.04	102	2.00	14.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7		
Total BTEx	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	03/01/2023	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	03/01/2023	ND	227	113	200	3.55	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	216	108	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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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: 03/01/2023
 Reported: 03/08/2023
 Project Name: CHAVES 7"
 Project Number: FRONTIER FIELD SERVICES
 Project Location: UL / M SEC22 T15S - R29E

Sampling Date: 02/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 4 - 1' (H230942-08)

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	03/02/2023	ND	2.04	102	2.00	14.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7		
Total BTEx	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	03/01/2023	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	03/01/2023	ND	227	113	200	3.55	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	216	108	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 4 - 2' (H230942-09)

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	03/02/2023	ND	2.04	102	2.00	14.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7		
Total BTEx	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/01/2023	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	03/01/2023	ND	227	113	200	3.55	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	216	108	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 4 - 3' (H230942-10)

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	03/02/2023	ND	2.04	102	2.00	14.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7		
Total BTEx	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	03/01/2023	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	03/01/2023	ND	227	113	200	3.55	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	216	108	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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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:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 4 - 4' (H230942-11)

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	03/02/2023	ND	2.04	102	2.00	14.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7		
Total BTEx	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	03/01/2023	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	03/01/2023	ND	227	113	200	3.55	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	216	108	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 4 - 5' (H230942-12)

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	03/02/2023	ND	2.04	102	2.00	14.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7		
Total BTEX	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	03/01/2023	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	03/07/2023	ND	221	111	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/07/2023	ND	209	104	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	03/07/2023	ND					

Surrogate: 1-Chlorooctane 62.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.0 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 5 - SURF (H230942-13)

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	03/02/2023	ND	2.04	102	2.00	14.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7		
Total BTEx	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

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	03/01/2023	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	03/01/2023	ND	221	111	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	209	104	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 5 - 1' (H230942-14)

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	03/02/2023	ND	2.04	102	2.00	14.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7		
Total BTEx	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	03/01/2023	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	03/01/2023	ND	221	111	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	209	104	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 5 - 2' (H230942-15)

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	03/02/2023	ND	2.07	104	2.00	2.55		
Toluene*	<0.050	0.050	03/02/2023	ND	2.06	103	2.00	1.23		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	2.05	103	2.00	0.745		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.24	104	6.00	1.75		
Total BTEx	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	03/01/2023	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	03/01/2023	ND	221	111	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	209	104	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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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:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 5 - 3' (H230942-16)

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	03/02/2023	ND	2.07	104	2.00	2.55		
Toluene*	<0.050	0.050	03/02/2023	ND	2.06	103	2.00	1.23		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	2.05	103	2.00	0.745		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.24	104	6.00	1.75		
Total BTX	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	03/01/2023	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	03/01/2023	ND	221	111	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	209	104	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 5 - 4' (H230942-17)

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	03/02/2023	ND	2.07	104	2.00	2.55	
Toluene*	<0.050	0.050	03/02/2023	ND	2.06	103	2.00	1.23	
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	2.05	103	2.00	0.745	
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.24	104	6.00	1.75	
Total BTEx	<0.300	0.300	03/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/01/2023	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	03/01/2023	ND	221	111	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	209	104	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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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:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	CHAVES 7"	Sampling Condition:	Cool & Intact
Project Number:	FRONTIER FIELD SERVICES	Sample Received By:	Tamara Oldaker
Project Location:	UL / M SEC22 T15S - R29E		

Sample ID: SP 5 - 5' (H230942-18)

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	03/02/2023	ND	2.07	104	2.00	2.55		
Toluene*	<0.050	0.050	03/02/2023	ND	2.06	103	2.00	1.23		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	2.05	103	2.00	0.745		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.24	104	6.00	1.75		
Total BTX	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	03/01/2023	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	03/01/2023	ND	221	111	200	2.71	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	209	104	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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. #:		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 #:		City: Maljamar		State: NM		Zip: 88264															
Project #:		Project Owner: Frontier Field Services, LLC		City: Maljamar		State: NM		Zip: 88264															
Project Name: Chaves 7"		Project Location: U/L M Sec 22 T15S - R29E		Phone #: 575-703-7992		Fax #:																	
Sampler Name: Jerry Hiedelberg																							
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 :	
H230942		G 1		X		X		X		X		X		X		X		X		X		X	
1 SP3-Surf		G 1		X		X		X		X		X		X		X		X		X		X	
2 SP3-1'		G 1		X		X		X		X		X		X		X		X		X		X	
3 SP3-2'		G 1		X		X		X		X		X		X		X		X		X		X	
4 SP3-3'		G 1		X		X		X		X		X		X		X		X		X		X	
5 SP3-4'		G 1		X		X		X		X		X		X		X		X		X		X	
6 SP3-5'		G 1		X		X		X		X		X		X		X		X		X		X	
7 SP4-Surf		G 1		X		X		X		X		X		X		X		X		X		X	
8 SP4-1'		G 1		X		X		X		X		X		X		X		X		X		X	
9 SP4-2'		G 1		X		X		X		X		X		X		X		X		X		X	
10 SP4-3'		G 1		X		X		X		X		X		X		X		X		X		X	
2/28/23		2/28/23		2/28/23		2/28/23		2/28/23		2/28/23		2/28/23		2/28/23		2/28/23		2/28/23		2/28/23		2/28/23	
Relinquished By: [Signature]		Date: 3/1/23		Time: 10:57		Received By: [Signature]		Date:		Time:		Sample Condition		CHECKED BY: (Initials)									
Relinquished By: [Signature]		Date:		Time:		Received By: [Signature]		Date:		Time:		Sample Condition		CHECKED BY: (Initials)									
Delivered By: (Circle One)		Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																			
Sampler - UPS - Bus - Other: -0.4°C/-1.0°C		#113																					
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																							



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[illegible]

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District III
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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 197628

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 197628
	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 #NRM2003457957 CHAVES 7" STEEL PPL ROW, thank you. This closure is approved.	7/25/2023