

R. T. HICKS CONSULTANTS, LTD.

901 Rio Grande Blvd NW ▲ Suite F-142 ▲ Albuquerque, NM 87104 ▲ 505.266.5004 ▲ Since 1996

Release Volume Estimate Ogden State 5a Release

The estimate provided below relies upon general data, site-specific data, assumptions, and arithmetic. We believe the calculation presented below represents a reasonable estimate of a release volume of 1399 ± barrels.

29600	sq ft of release footprint from Google Earth
4.3	ft depth of sampling
127280	cubic feet of soil/rock 0-4.3 feet below footprint
0.0283	cu ft/m ³ conversion factor
3602.024	cu meters of earth below footprint to 4.3 feet
1450	Kg/m ³ density of silty clay from internet sources
5,222,934.80	kg - total weight of soil beneath footprint to 4.3 ft
3653	mg/kg - average chloride in samples beneath footprint - 100 (background)
19,079,380,824.40	mg chloride in soil 0-4.3 feet below footprint
85,800.00	mg/L chloride in release water (see attached analysis)
222,370.41	Liters - released assuming all chloride from produced water
159	liters/bbl. conversion factor
1399	bbl. Released

Imperative Water Analysis Report

SYSTEM IDENTIFICATION

IMPERATIVE
CHEMICAL PARTNERS
201 W Wall Street, Suite 900
Midland, TX 79701

Company: Murchison Oil and Gas
Location: Ogden 7
Sample Source: Wellhead
Account Rep: Danny Gonzales

Sample ID#: W-31741

Sample Date: 10-04-2020

Report Date: 10-12-2020

WATER CHEMISTRY

CATIONS

Calcium(as Ca)	4383	Chloride(as Cl)	89600
Magnesium(as Mg)	1506	Sulfate(as SO ₄)	1210
Barium(as Ba)	0.0952	Dissolved CO ₂ (as CO ₂)	160.00
Strontium(as Sr)	91.39	Bicarbonate(as HCO ₃)	1684
Sodium(as Na)	51059	H ₂ S (as H ₂ S)	85.50
Potassium(as K)	489.70	Boron(as B)	14.66
Lithium(as Li)	13.49		
Iron(as Fe)	1.20		
Manganese(as Mn)	1.44		

ANIONS

PARAMETERS

Temperature(°F)	67.70	Sample pH	6.60
Conductivity	145518	Sp.Gr.(g/mL)	1.100
Resistivity	6.87	T.D.S.	160684

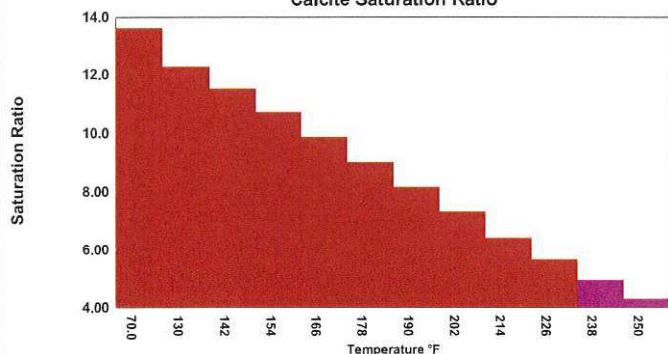
SCALE AND CORROSION POTENTIAL

Temp. (°F)	Press. (atm)	Calcite CaCO ₃		Anhydrite CaSO ₄		Gypsum CaSO ₄ *2H ₂ O		Barite BaSO ₄		Celestite SrSO ₄		Siderite FeCO ₃		Mackinawite FeS		CO ₂ (mpy)	pCO ₂ (atm)
70.00	1.000	13.60	0.300	0.471	-231.98	0.657	-124.84	0.486	-0.0656	0.303	-106.11	2.61	0.194	4.63	0.0888	0.122	0.243
130.00	10.000	12.25	0.192	0.545	-141.72	0.584	-137.19	0.120	-0.454	0.261	-116.55	3.49	0.159	1.77	0.0450	0.755	2.43
142.00	19.000	11.51	0.173	0.594	-111.81	0.596	-125.54	0.0928	-0.605	0.250	-120.11	3.54	0.146	1.42	0.0298	1.21	4.61
154.00	28.000	10.70	0.156	0.662	-81.04	0.607	-116.14	0.0723	-0.794	0.240	-123.96	3.55	0.133	1.13	0.0114	1.72	6.80
166.00	37.000	9.86	0.139	0.751	-51.09	0.614	-108.74	0.0566	-1.03	0.229	-128.18	3.51	0.121	0.899	-0.0108	2.06	8.98
178.00	46.000	9.00	0.124	0.867	-23.09	0.620	-103.09	0.0446	-1.32	0.218	-132.78	3.44	0.108	0.713	-0.0377	2.00	11.17
190.00	55.000	8.15	0.109	1.02	2.23	0.623	-98.99	0.0353	-1.69	0.207	-137.79	3.33	0.0961	0.565	-0.0702	1.01	13.35
202.00	64.000	7.31	0.0962	1.21	24.48	0.623	-96.36	0.0280	-2.13	0.197	-143.29	3.20	0.0847	0.446	-0.110	0.839	15.54
214.00	73.000	6.40	0.0851	1.44	43.55	0.615	-99.63	0.0221	-2.71	0.184	-152.07	2.99	0.0744	0.339	-0.164	1.05	17.72
226.00	82.000	5.64	0.0741	1.74	60.40	0.610	-99.84	0.0177	-3.39	0.174	-158.95	2.82	0.0645	0.266	-0.224	1.29	19.91
238.00	91.000	4.94	0.0641	2.14	74.63	0.603	-101.22	0.0142	-4.22	0.164	-166.43	2.64	0.0555	0.208	-0.297	1.56	22.09
250.00	100.000	4.30	0.0550	2.65	86.41	0.594	-103.95	0.0115	-5.24	0.154	-174.69	2.45	0.0473	0.163	-0.385	0.234	24.28
		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels			

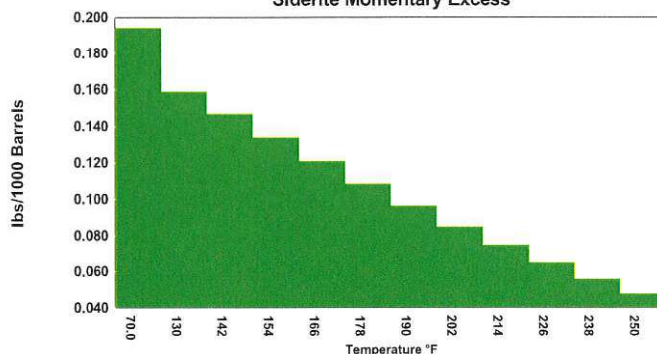
Saturation Ratios (xSAT) are the ratio of ion activity to solubility, e.g. {Ca}{CO₃}/K_{sp}. pCO₂ (atm) is the partial pressure of CO₂ in the gas phase.

Lbs/1000 Barrels scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.

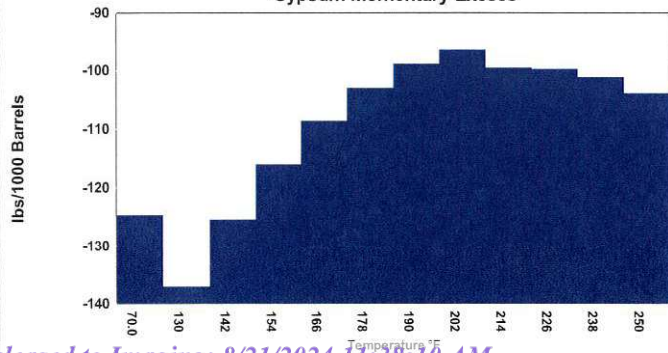
Calcite Saturation Ratio



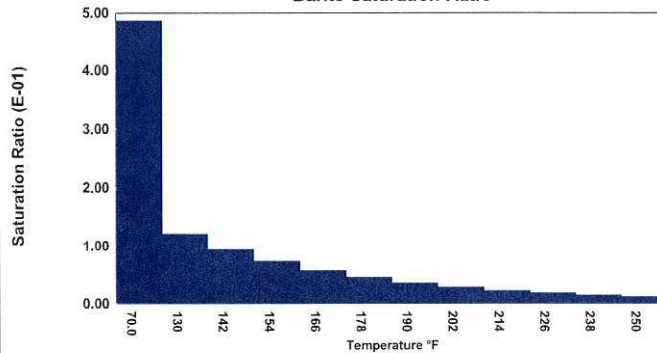
Siderite Momentary Excess



Gypsum Momentary Excess



Barite Saturation Ratio



Imperative Water Analysis Report

IMPERATIVE
CHEMICAL PARTNERS
201 W Wall Street, Suite 900
Midland, TX 79701

SYSTEM IDENTIFICATION

Company: Murchison Oil and Gas
Location: Ogden 8
Sample Source: Wellhead
Account Rep: Danny Gonzales

Sample ID#: W-31742

Sample Date: 10-04-2020

Report Date: 10-12-2020

WATER CHEMISTRY

CATIONS

Calcium(as Ca)	4463
Magnesium(as Mg)	1590
Barium(as Ba)	0.122
Strontium(as Sr)	130.60
Sodium(as Na)	47528
Potassium(as K)	501.90
Lithium(as Li)	12.50
Iron(as Fe)	2.55
Manganese(as Mn)	0.820

ANIONS

Chloride(as Cl)	84800
Sulfate(as SO ₄)	1075
Dissolved CO ₂ (as CO ₂)	0.00
Bicarbonate(as HCO ₃)	1427
H ₂ S (as H ₂ S)	85.50
Boron(as B)	13.61

PARAMETERS

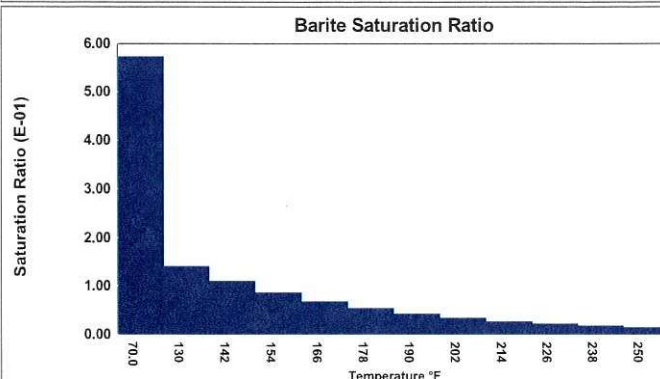
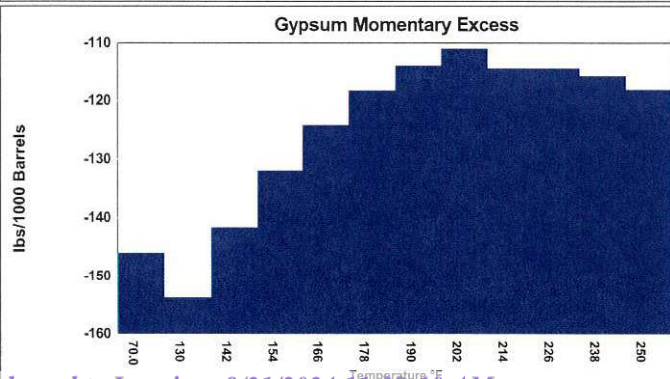
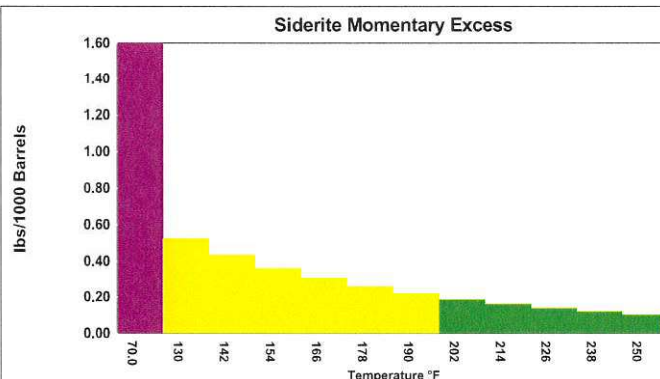
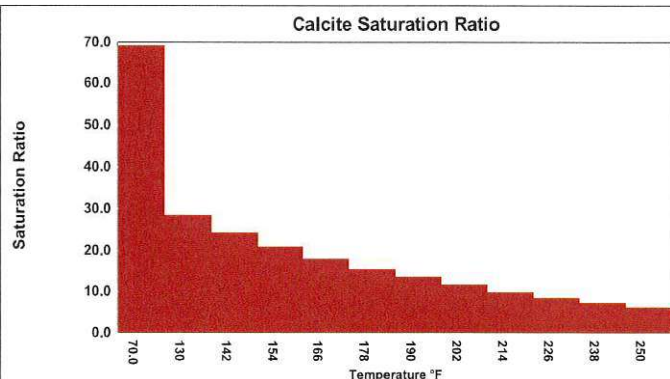
Temperature(°F)	70.10	Sample pH	7.39
Conductivity	141517	Sp.Gr.(g/mL)	1.095
Resistivity	7.07	T.D.S.	150946

SCALE AND CORROSION POTENTIAL

Temp. (°F)	Press. (atm)	Calcite CaCO ₃		Anhydrite CaSO ₄		Gypsum CaSO ₄ *2H ₂ O		Barite BaSO ₄		Celestite SrSO ₄		Siderite FeCO ₃		Mackinawite FeS		CO ₂ (mpy)	pCO ₂ (atm)
70.00	1.000	69.13	1.65	0.419	-255.24	0.593	-146.17	0.572	-0.0592	0.397	-91.76	28.82	1.60	131.95	0.240	0.0402	0.0430
130.00	10.000	28.29	0.473	0.484	-160.73	0.527	-153.83	0.141	-0.481	0.342	-102.64	17.51	0.523	17.79	0.209	0.185	0.430
142.00	19.000	24.13	0.388	0.528	-130.26	0.538	-141.78	0.109	-0.645	0.327	-106.26	16.13	0.431	12.56	0.199	0.188	0.817
154.00	28.000	20.70	0.321	0.587	-99.08	0.546	-132.08	0.0848	-0.851	0.313	-110.19	14.90	0.359	9.01	0.188	0.210	1.20
166.00	37.000	17.81	0.268	0.665	-68.72	0.553	-124.35	0.0664	-1.11	0.299	-114.43	13.78	0.301	6.54	0.175	0.243	1.59
178.00	46.000	15.35	0.225	0.767	-40.36	0.557	-118.39	0.0522	-1.43	0.285	-119.02	12.73	0.254	4.81	0.159	0.260	1.98
190.00	55.000	13.24	0.191	0.898	-14.72	0.559	-114.01	0.0413	-1.82	0.271	-124.01	11.76	0.216	3.56	0.141	0.148	2.36
202.00	64.000	11.41	0.162	1.07	7.85	0.559	-111.08	0.0329	-2.30	0.257	-129.44	10.85	0.184	2.66	0.119	0.135	2.75
214.00	73.000	9.63	0.139	1.27	26.80	0.551	-114.41	0.0259	-2.93	0.240	-138.15	9.80	0.159	1.92	0.0874	0.128	3.14
226.00	82.000	8.25	0.118	1.54	43.88	0.547	-114.40	0.0208	-3.67	0.227	-144.91	8.97	0.137	1.45	0.0546	0.264	3.53
238.00	91.000	7.05	0.100	1.89	58.21	0.541	-115.68	0.0167	-4.57	0.214	-152.32	8.19	0.118	1.10	0.0149	0.422	3.91
250.00	100.000	6.01	0.0850	2.34	70.15	0.532	-118.24	0.0134	-5.65	0.201	-160.43	7.46	0.101	0.833	-0.0329	0.525	4.30
		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels		Lbs per xSAT 1000 Barrels			

Saturation Ratios (xSAT) are the ratio of ion activity to solubility, e.g. {Ca}{CO₃}/K_{sp}. pCO₂ (atm) is the partial pressure of CO₂ in the gas phase.

Lbs/1000 Barrels scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.



Imperative Water Analysis Report

SYSTEM IDENTIFICATION

IMPERATIVE
CHEMICAL PARTNERS
201 W Wall Street, Suite 900
Midland, TX 79701

Company: Murchison Oil and Gas
Location: Ogden 005 A
Sample Source: Wellhead
Account Rep: Danny Gonzales

Sample ID#: W-31743

Sample Date: 10-04-2020

Report Date: 10-12-2020

WATER CHEMISTRY

CATIONS

Calcium(as Ca)	4222
Magnesium(as Mg)	1469
Barium(as Ba)	0.0830
Strontium(as Sr)	95.74
Sodium(as Na)	48892
Potassium(as K)	489.90
Lithium(as Li)	12.81
Iron(as Fe)	6.24
Manganese(as Mn)	0.795

ANIONS

Chloride(as Cl)	85800
Sulfate(as SO ₄)	1186
Dissolved CO ₂ (as CO ₂)	0.00
Bicarbonate(as HCO ₃)	1781
H ₂ S (as H ₂ S)	85.50
Boron(as B)	12.09

PARAMETERS

Temperature(°F)	73.30	Sample pH	7.37
Conductivity	150925	Sp.Gr.(g/mL)	1.095
Resistivity	6.63	T.D.S.	153465

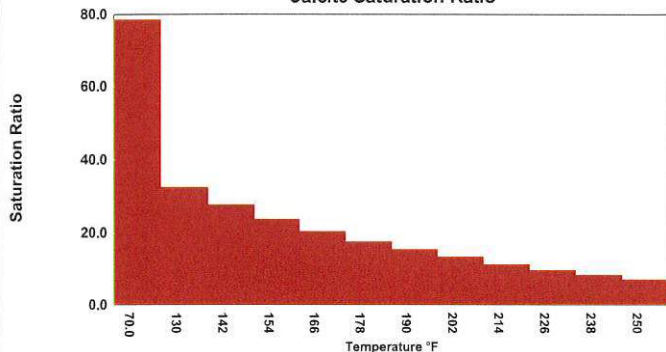
SCALE AND CORROSION POTENTIAL

Temp. (°F)	Press. (atm)	Calcite CaCO ₃		Anhydrite CaSO ₄		Gypsum CaSO ₄ *2H ₂ O		Barite BaSO ₄		Celestite SrSO ₄		Siderite FeCO ₃		Mackinawite FeS		CO ₂ (mpy)	pCO ₂ (atm)
70.00	1.000	78.42	1.99	0.448	-255.33	0.631	-140.28	0.441	-0.0682	0.330	-98.81	84.90	2.28	318.13	0.589	0.0477	0.0561
130.00	10.000	32.33	0.576	0.520	-157.65	0.564	-150.18	0.109	-0.437	0.286	-109.07	52.01	0.672	41.43	0.527	0.219	0.561
142.00	19.000	27.56	0.472	0.568	-125.74	0.577	-137.64	0.0848	-0.580	0.274	-112.58	47.87	0.554	29.24	0.510	0.223	1.07
154.00	28.000	23.62	0.391	0.633	-93.01	0.587	-127.56	0.0660	-0.760	0.263	-116.41	44.17	0.461	20.96	0.492	0.249	1.57
166.00	37.000	20.31	0.327	0.719	-61.08	0.595	-119.54	0.0517	-0.984	0.251	-120.56	40.81	0.387	15.22	0.471	0.295	2.08
178.00	46.000	17.50	0.275	0.830	-31.23	0.600	-113.36	0.0407	-1.26	0.239	-125.08	37.68	0.327	11.17	0.448	0.315	2.58
190.00	55.000	15.07	0.232	0.973	-4.21	0.603	-108.84	0.0323	-1.60	0.228	-130.00	34.75	0.279	8.27	0.421	0.179	3.09
202.00	64.000	12.98	0.197	1.16	19.59	0.604	-105.82	0.0257	-2.03	0.216	-135.37	32.00	0.239	6.18	0.390	0.162	3.59
214.00	73.000	10.94	0.169	1.38	39.79	0.596	-109.17	0.0202	-2.58	0.202	-143.95	28.85	0.207	4.46	0.345	0.208	4.10
226.00	82.000	9.36	0.144	1.67	57.74	0.591	-109.27	0.0162	-3.22	0.191	-150.70	26.37	0.179	3.36	0.302	0.260	4.60
238.00	91.000	8.00	0.122	2.06	72.92	0.585	-110.57	0.0130	-4.01	0.180	-158.01	24.05	0.155	2.54	0.251	0.322	5.11
250.00	100.000	6.81	0.104	2.55	85.49	0.576	-113.29	0.0105	-4.97	0.169	-166.08	21.86	0.135	1.93	0.192	0.280	5.61
		Lbs per xSAT Barrels		Lbs per xSAT Barrels		Lbs per xSAT Barrels		Lbs per xSAT Barrels		Lbs per xSAT Barrels		Lbs per xSAT Barrels		Lbs per xSAT Barrels			

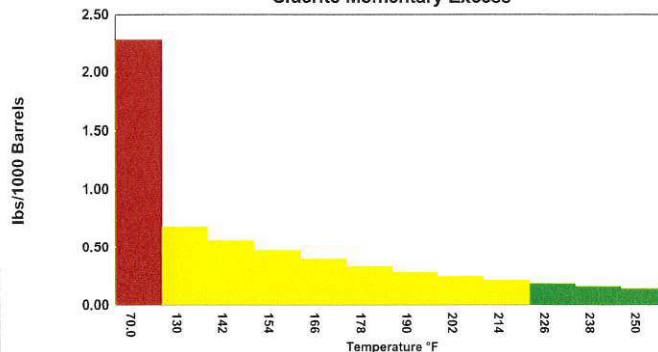
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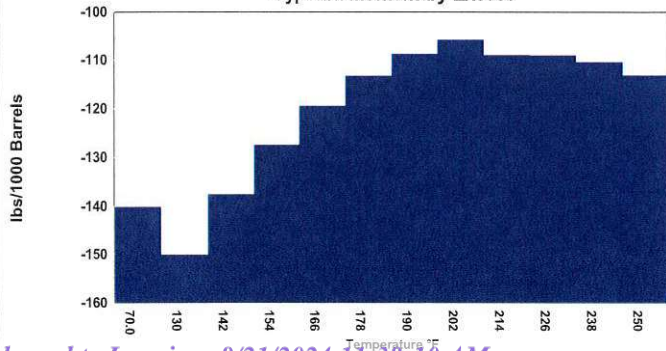
Calcite Saturation Ratio



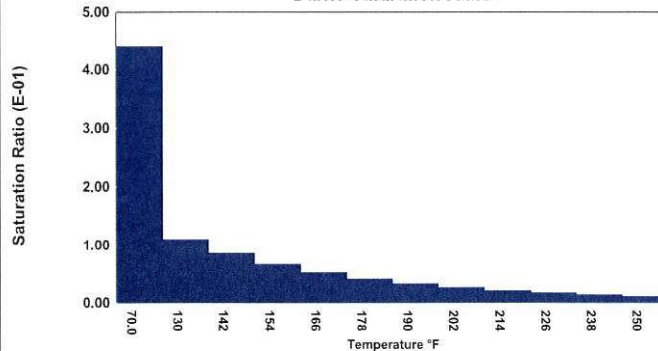
Siderite Momentary Excess



Gypsum Momentary Excess



Barite Saturation Ratio





Remediation Summary and Closure Request

Murchison Oil & Gas, LLC

Ogden State 5a

Eddy County, New Mexico

Unit Letter "O", Section 2, Township 25 South, Range 26 East

Latitude 32.154250 North, Longitude 104.263969 West

NMOCD Incident # NAB1902343484

Prepared For:

Murchison Oil & Gas

5325 Sierra Vista

Carlsbad, NM 88230

Prepared By:

Hungry Horse, LLC

4024 Plains Hwy

Lovington, NM 88260

Office: (575) 393-3386

August 2024

Bradley Wells

Bradley Wells

Project Manager

bwells@hungry-horse.com

Daniel Dominguez

Daniel Dominguez

Environmental Manager

ddominguez@hungry-horse.com

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- Figure 2 – OSE POD Locations Map
- Figure 3 – USGS Well Locations Map
- Figure 4 – Delineation Sample Map
- Figure 5 – Excavation Floor Sample Map-East
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- Figure 7 – Excavation Sidewall Sample Map

Tables

- Table 1 – Summary of Soil Sample Laboratory Analytical Results

Attachments

- Attachment I – Karst, Wetland, and Soil Maps
- Attachment II – NMOCD Correspondence
- Attachment III – Site Photographs
- Attachment IV – Depth to Groundwater
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- Attachment VI – Laboratory Analytical Reports
- Attachment VII – Boone Archaeological Consultants, LLC Archaeological Survey
CEHMM SSPS Survey
- Attachment VIII – NMSLO Loamy Sites Seed Mixture
- Attachment IX – Listing of Soil Disposal Manifests



HUNGRY HORSE, LLC

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

Background:

The site is located in Unit Letter O (SW/SE), Section 2, Township 25 South, Range 26 East, approximately 7 miles Southeast of Whites City, in Eddy County, New Mexico. The property is located on New Mexico State Trust Land. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map are included as Figure 1, Figure 2, and Figure 3, respectively.

The release occurred on an active produced water line; Latitude 32.154250 North, Longitude 104.263969 West. The NMOCD Form C-141 indicated that on May 26, 2017 an unknown amount of produced water was released due to a leak in the produced water line. A crew was dispatched to the release site and the line was repaired. No fluid was recovered. A subsequent work plan submitted to the OCD in 2024, by RT Hicks Consultants, Ltd., estimated the release at approximately 1,399 bbls. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Permitting Portal.

NMOCD Site Classification:

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

No water wells were located within a half mile of the release area. On August 23, 2023, a depth to groundwater test bore was drilled on location to a depth of 105 feet bgs. No water was present in the bore so the bore was backfilled with drill cuttings. However, as the site is located in a Gypsum Karst designated area, the site will be remediated according to the strictest NMOCD Closure Criteria. Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows:

Depth to Groundwater	Constituent	Method	Limit
>105'	Chloride	EPA 300.0 or SM4500 CLB	600 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	100 mg/kg
	BTEX	EPA SW-846 Methods 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Methods 8021B or 8260B	10 mg/kg

A United States Department of Agriculture (USDA) Web Soil Survey was completed to determine soil types in the area of reclamation. Web Soil Survey indicates the area is located in the Reeves-Gypsum land complex comprised of loam and clay loam soils with 0 to 3 percent slopes. NMSLO Loamy sites seed mixture will be utilized for seeding the area after reclamation activities are complete. Karst, Wetland, and Soil Maps are provided as Attachment I.



Delineation and Remediation Activities:

On April 25, 2024, Hungry Horse conducted delineation sampling of the release area. During delineation activities, sample test trenches were advanced within the release area in an effort to determine the vertical extent of contamination. These sample locations are identified by SP designation. In addition, sample test trenches were advanced along the outside edges of the release area in an effort to determine the horizontal extent of contamination. These sample locations are identified by HZ designation. During the advancement of the test trenches, soil samples were collected and field screened for the presence of chloride concentrations utilizing a Hach Quantab® chloride test kit.

Based on field observations and field test data noted above and provided in Attachment V, forty representative soil samples were selected for laboratory analysis. Delineation soil samples SP1 through SP10, HZ1 through HZ10, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples, with the exception of SP1 through SP10, each at Surface, and SP4 at four and one half feet, which exhibited TPH and/or chloride concentrations in excess of the NMOCD Closure Criteria.

From April 25 through May 16, 2024, the release area was excavated. Excavated contaminated soil was temporarily stockpiled onsite, within the excavated area, before transport to an NMOCD approved disposal facility.

On May 11, 2024, delineation soil sample SP4, at fifteen feet bgs, was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in the submitted sample.

On May 14, 2024, Hungry Horse, LLC notified NMOCD that closure samples would be collected on May 17, 2024, however, due to a scheduling conflict the samples were not collected. On May 20, 2024, Hungry Horse, LLC re-notified NMOCD that closure samples would be collected on May 23, 2024.

On May 23, 2024, three hundred twelve composite confirmation soil samples were collected from the excavation floor and sidewalls, with each sample representing no more than 200 square feet. Soil samples FL1 through FL265 and SW1 through SW47, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples, with the exception of samples FL1 through FL194, FL200, SW19, SW20, SW31, and SW37, which exhibited TPH and/or chloride concentrations in excess of the NMOCD Closure Criteria.

From May 30 through June 11, 2024, the area characterized by sample locations FL1 through FL194, FL200, SW19, SW20, SW31, and SW37 was excavated, with excavated soil hauled to an NMOCD approved disposal facility. On June 3, 2024, Hungry Horse, LLC notified NMOCD that the first seventy closure samples would be collected on June 10, 2024.



On June 10, 2024, seventy composite confirmation soil samples were collected from the excavation floor, with each sample representing no more than 200 square feet. Soil samples FL1B through FL70B, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

On June 11, 2024, Hungry Horse, LLC notified NMOCD that the remaining one hundred twenty-nine closure samples would be collected on June 14, 2024.

On June 14, 2024, one hundred twenty-nine composite confirmation soil samples were collected from the excavation floor and sidewalls, with each sample representing no more than 200 square feet. Soil samples FL71B through FL194B, FL200B, SW19B, SW20B, SW31B, and SW37B were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

The affected area measured approximately fifty-three thousand square feet, and ranged from four to fifteen feet in depth. During remediation activities approximately 11,490 yds of contaminated soil was excavated and hauled to the R360 Red Bluff facility in Orla, Texas for disposal. As Texas does not require the equivalent NM Form C-138, and as 575 loads of contaminated soil were hauled, the R360 Red Bluff facility provided a listing of disposal manifests documenting all loads of contaminated soil hauled to the disposal facility. Manifest listing is provided as Attachment IX.

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

Sampling Procedure and Identification:

During confirmation sampling, five-point composite soil samples were collected from the floor of the excavation, each collected sample representing an area no greater than 200 square feet. These sample locations are identified by FL designation. Five-point composite soil samples were also collected from the sidewalls of the excavation, each collected sample representing an area no greater than 200 square feet. These sample locations are identified by SW designation.

Excavation sidewall samples were collected from the perimeter sidewall of the excavation, measured at 1,885 feet in length and ranged in depth from two to fifteen feet in depth. Sidewall samples SW1 through SW13 were collected as five-point composite samples from the excavation surface to the excavation floor and ranged in depths from surface to fifteen feet bgs. Due to the depth of the sidewall, each composite sample area is approximately thirteen feet by fifteen feet. Sidewall samples SW14 through SW17 were collected as five-point composite samples from the excavation surface to the excavation floor and ranged in depths from surface



to six feet bgs. Due to the depth of the sidewall, each composite sample area is approximately twenty-seven and one-half feet by six feet. Sidewall samples SW18 through SW22 were collected as five-point composite samples from the excavation surface to the excavation floor and ranged in depths from surface to four feet bgs. Due to the depth of the sidewall, each composite sample area is approximately forty-seven feet by four feet. Sidewall samples SW23 through SW29 were collected as five-point composite samples from the excavation surface to the excavation floor and ranged in depths from surface to two feet bgs. Due to the depth of the sidewall, each composite sample area is approximately eighty-eight and one-half feet by two feet. Sidewall samples SW30 through SW33 were collected as five-point composite samples from the excavation surface to the excavation floor and ranged in depths from surface to four feet bgs. Due to the depth of the sidewall, each composite sample area is approximately forty-eight and three-quarter feet by four feet. Sidewall samples SW34 through SW36 were collected as five-point composite samples from the excavation surface to the excavation floor and ranged in depths from surface to six feet bgs. Due to the depth of the sidewall, each composite sample area is approximately twenty and three-quarter feet by six feet. Sidewall samples SW37B through SW47 were collected as five-point composite samples from the excavation surface to the excavation floor and ranged in depths from surface to four feet bgs. Due to the depth of the sidewall, each composite sample area is approximately forty-three feet by four feet.

The Excavation Sidewall Sample Map, provided as Figure 7, has been updated to more accurately depict sidewall sample boundaries.

Cultural Properties Protection Compliance:

Archaeological Survey, NMCRIS Activity Number 154352, was completed on November 20, 2023. No cultural resources eligible for listing to the National Register of Historic Places were found within the survey area. No cultural materials were encountered during the remediation process.

CEHMM conducted a Special Status Plant Species (SSPS) survey on November 27, 2023 and found no protected species within the spill footprint and 100-meter buffer. The reports, indicating negative findings are provided as Attachment VII.

Restoration, Reclamation, and Re-Vegetation:

As the area is not reasonably needed for production operations, the area was reclaimed according to 19.15.29.13 NMAC. Based upon laboratory analytical results from confirmation soil samples, the excavation was backfilled with locally sourced, clean, non-impacted soil. The soil cover included a top layer, one and one half to two feet deep, backfilled with locally sourced, clean, non-impacted topsoil to provide suitable material to establish vegetative growth. The area was then contoured the site's existing grade to prevent ponding of water and erosion of the cover material.

The affected area was seeded, via hand broadcast at double the recommended rate, with NMSLO approved Loamy sites seed mixture, free of noxious weeds, on July 16, 2024. The



reclaimed areas have been watered to aid in seed germination. A re-vegetation report will be submitted for approval when uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds. NMSLO approved Loamy sites seed mix is provided as Attachment VIII.

Closure Request:

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

Based on laboratory analytical results, Murchison Oil & Gas, LLC respectfully requests closure of the Ogden State 5a location, NAB1902343484.

Limitations:

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



Distribution:

Murchison Oil & Gas

5325 Sierra Vista
Carlsbad, NM 88230

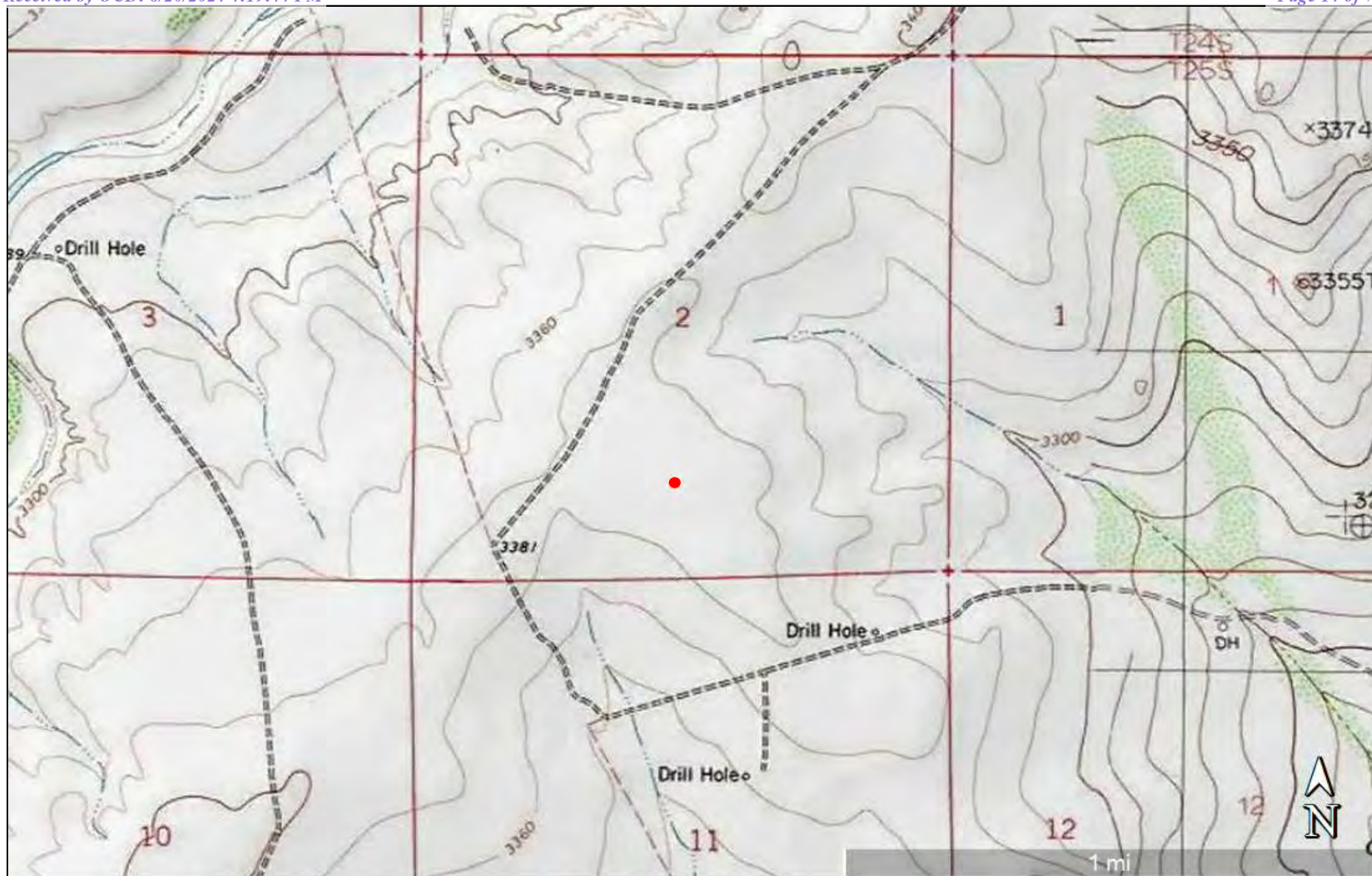
New Mexico Energy, Minerals and Natural Resources Department

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

New Mexico State Land Office

602 N. Canal. Suite B
Carlsbad, NM 88220

Figures

**Figure 1**

Topographic Map
Murchison Oil & Gas
Ogden State 5a
GPS: 32.15425, -104.263969
Eddy County

Legend:

● Ogden State 5a Location

Drafted: dd
Checked: bw
Date: 3/19/24



**Figure 2**

OSE POD Locations Map
Murchison Oil & Gas
Ogden State 5a
GPS: 32.15425, -104.263969
Eddy County

Legend:

● Ogden State 5a Location



Drafted: dd
Checked: bw
Date: 3/19/24

**Figure 3**

USGS Well Locations Map
Murchison Oil & Gas
Ogden State 5a
GPS: 32.15425, -104.263969
Eddy County

Legend:

● Ogden State 5a Location



Drafted: dd
Checked: bw
Date: 3/19/24

**Figure 4**

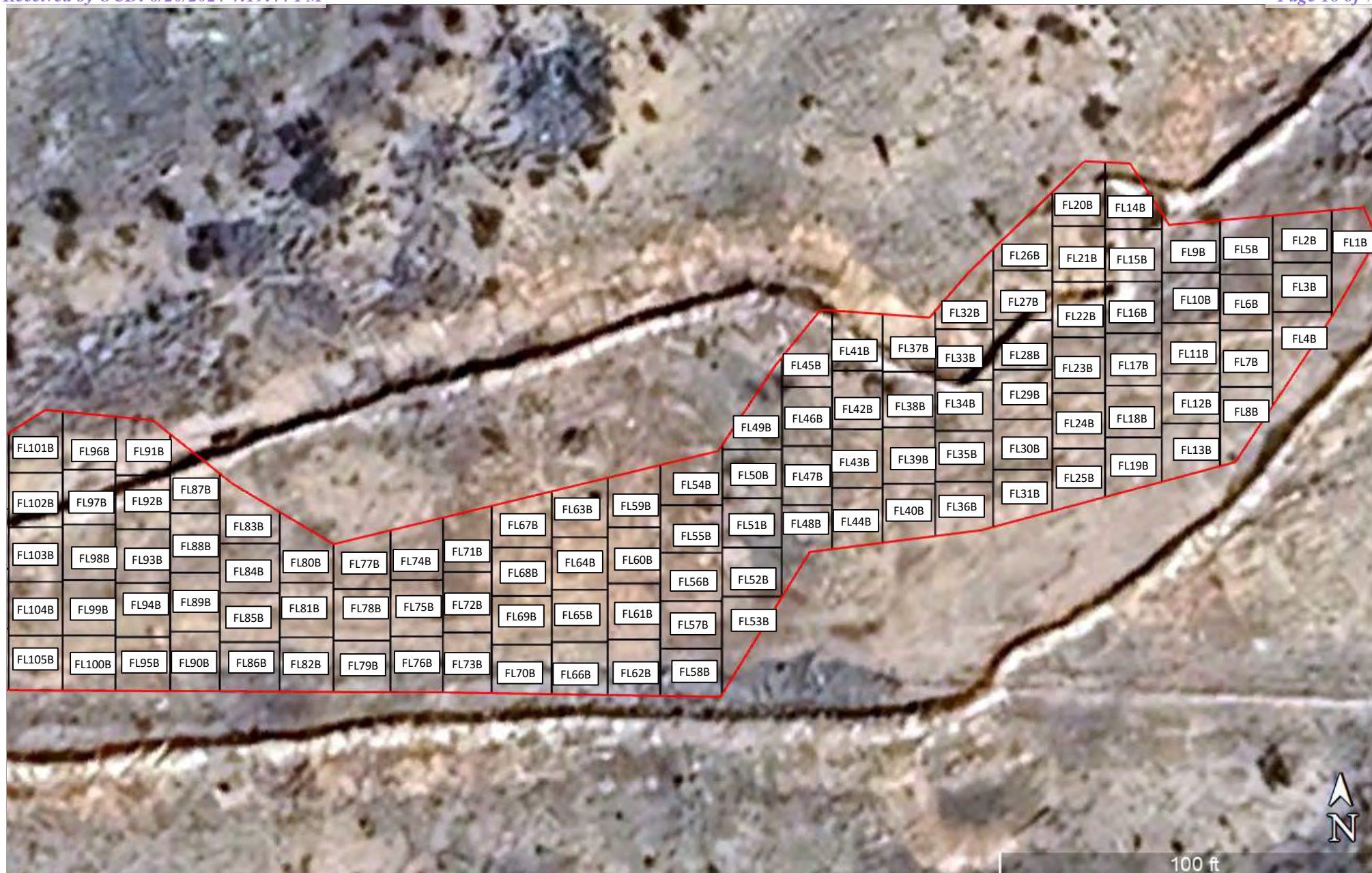
Delineation Sample Map
 Murchison Oil & Gas
 Ogden State 5a
 GPS: 32.15425, -104.263969
 Eddy County

Legend:

- Excavation Area - Approximately 29,000 square feet
- SP1 Vertical Delineation Sample Location
- HZ1 Horizontal Delineation Sample Location

Drafted: dd
 Checked: bw
 Date: 4/24/24



**Figure 5**

Excavation Floor Sample Map-East
 Murchison Oil & Gas
 Ogden State 5a
 GPS: 32.15425, -104.263969
 Eddy County

Legend:

- Excavated Area
- Composite Confirmation 200 Square Foot Sample Area
- FL1B Composite Confirmation Sample Location



Drafted: dd
 Checked: bw
 Date: 6/9/24

**Figure 6**

Excavation Floor Sample Map-West
 Murchison Oil & Gas
 Ogden State 5a
 GPS: 32.15425, -104.263969
 Eddy County

Legend:

- Excavated Area
- Composite Confirmation 200 Square Foot Sample Area
- FL1 Composite Confirmation Sample Location



Drafted: dd
 Checked: bw
 Date: 6/9/24

**Figure 7**

Excavation Sidewall Sample Map
 Murchison Oil & Gas
 Ogden State 5a
 GPS: 32.15425, -104.263969
 Eddy County

Legend:

- Excavated Area
- SW1 Composite Confirmation Sample Location
- Sidewall Boundary

Drafted: dd
 Checked: bw
 Date: 8/1/24



Table

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State 5a
NMOCD Ref. #: NAB1902343484

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	4/25/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	52,000
	4/25/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SP2	4/25/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	58,600
	4/25/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
SP3	4/25/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,100
	4/25/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
SP4	4/25/24	Surf	Excavated	<0.050	<0.300	<10.0	20.5	20.5	<10.0	<30.0	52,800
	4/25/24	4.5	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	832
	5/11/24	15	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
SP5	4/25/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	105,000
	4/25/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
SP6	4/25/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	74,000
	4/25/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
SP7	4/25/24	Surf	Excavated	<0.050	<0.300	<10.0	196	196	69.7	266	22,400
	4/25/24	3	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
SP8	4/25/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,120
	4/25/24	3	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SP9	4/25/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	624
	4/25/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SP10	4/25/24	Surf	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	20,400
	4/25/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
HZ1	4/25/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	4/25/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
HZ2	4/25/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
	4/25/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
HZ3	4/25/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	4/25/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
HZ4	4/25/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
	4/25/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
HZ5	4/25/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	4/25/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
HZ6	4/25/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
	4/25/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
HZ7	4/25/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	4/25/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
HZ8	4/25/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
	4/25/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
HZ9	4/25/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	4/25/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
HZ10	4/25/24	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	4/25/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State 5a
NMOCD Ref. #: NAB1902343484

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL1	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	784
FL2	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	864
FL3	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	880
FL4	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,680
FL5	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,500
FL6	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,960
FL7	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	15,600
FL8	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	12,000
FL9	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,680
FL10	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,160
FL11	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,700
FL12	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,600
FL13	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,000
FL14	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,360
FL15	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,560
FL16	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,160
FL17	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,150
FL18	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,410
FL19	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,100
FL20	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	944
FL21	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,070
FL22	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,870
FL23	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,880
FL24	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,650
FL25	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,920
FL26	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,680
FL27	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,200
FL28	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,500
FL29	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,600
FL30	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,360
FL31	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,920
FL32	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,200
FL33	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,610
FL34	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,960
FL35	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,760
FL36	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,120
FL37	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,240
FL38	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,200
FL39	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,360
FL40	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,460
FL41	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,240
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State 5a
NMOCD Ref. #: NAB1902343484

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)
FL42	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,080
FL43	5/23/24	2	Excavated	<0.050	<0.300	<10.0	20.8	30.8	<10.0	40.8	3,120
FL44	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,560
FL45	5/23/24	2	Excavated	<0.050	<0.300	<10.0	12.9	22.9	<10.0	32.9	2,760
FL46	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,400
FL47	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,680
FL48	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,480
FL49	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	992
FL50	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	784
FL51	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,300
FL52	5/23/24	2	Excavated	<0.050	<0.300	<10.0	10.5	20.5	<10.0	30.5	4,720
FL53	5/23/24	2	Excavated	<0.050	<0.300	<10.0	12.8	22.8	<10.0	32.8	5,200
FL54	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,280
FL55	5/23/24	2	Excavated	<0.050	<0.300	<10.0	14.9	24.9	<10.0	34.9	4,240
FL56	5/23/24	2	Excavated	<0.050	<0.300	<10.0	14.0	24.0	<10.0	34.0	2,680
FL57	5/23/24	2	Excavated	<0.050	<0.300	<10.0	15.1	25.1	<10.0	35.1	2,640
FL58	5/23/24	2	Excavated	<0.050	<0.300	<10.0	11.2	21.2	<10.0	31.2	2,800
FL59	5/23/24	2	Excavated	<0.050	<0.300	<10.0	12.7	32.7	<10.0	42.7	2,520
FL60	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,920
FL61	5/23/24	2	Excavated	<0.050	<0.300	<10.0	14.0	24.0	<10.0	34.0	2,120
FL62	5/23/24	2	Excavated	<0.050	<0.300	<10.0	14.0	24.0	<10.0	34.0	2,960
FL63	5/23/24	2	Excavated	<0.050	<0.300	<10.0	10.9	20.9	<10.0	30.9	3,320
FL64	5/23/24	2	Excavated	<0.050	<0.300	<10.0	12.6	22.6	<10.0	32.6	3,160
FL65	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,600
FL66	5/23/24	2	Excavated	<0.050	<0.300	<10.0	14.1	24.1	<10.0	34.1	3,880
FL67	5/23/24	2	Excavated	<0.050	<0.300	<10.0	12.0	22.0	<10.0	32.0	3,120
FL68	5/23/24	2	Excavated	<0.050	<0.300	<10.0	17.4	27.4	<10.0	37.4	3,720
FL69	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,480
FL70	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,280
FL71	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,240
FL72	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,240
FL73	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,320
FL74	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,080
FL75	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,120
FL76	5/23/24	2	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,240
FL77	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,320
FL78	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,280
FL79	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,960
FL80	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,160
FL81	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,080
FL82	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,000
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State 5a
NMOCD Ref. #: NAB1902343484

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)
FL83	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,920
FL84	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,840
FL85	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,920
FL86	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,960
FL87	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,760
FL88	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,720
FL89	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,560
FL90	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,000
FL91	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,600
FL92	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,410
FL93	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,840
FL94	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,440
FL95	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,250
FL96	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,120
FL97	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,120
FL98	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,360
FL99	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,520
FL100	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,600
FL101	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,920
FL102	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,920
FL103	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,600
FL104	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,040
FL105	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,160
FL106	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,040
FL107	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,000
FL108	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,000
FL109	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,160
FL110	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,880
FL111	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,160
FL112	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,880
FL113	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,640
FL114	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,720
FL115	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,720
FL116	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,960
FL117	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,560
FL118	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,800
FL119	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,960
FL120	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,400
FL121	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,040
FL122	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,960
FL123	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,280
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State 5a
NMOCD Ref. #: NAB1902343484

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)
FL124	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,040
FL125	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,760
FL126	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,120
FL127	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,200
FL128	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,880
FL129	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,320
FL130	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,080
FL131	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,560
FL132	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,280
FL133	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,200
FL134	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,120
FL135	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,040
FL136	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,720
FL137	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,840
FL138	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,560
FL139	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,970
FL140	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,160
FL141	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,920
FL142	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,040
FL143	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,880
FL144	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,160
FL145	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,920
FL146	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,200
FL147	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	624
FL148	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,120
FL149	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,680
FL150	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,360
FL151	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,040
FL152	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,500
FL153	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,680
FL154	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,960
FL155	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,380
FL156	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,840
FL157	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,650
FL158	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,300
FL159	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,080
FL160	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,800
FL161	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,040
FL162	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,000
FL163	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,340
FL164	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	960
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	100

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State 5a
NMOCD Ref. #: NAB1902343484

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)
FL165	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,020
FL166	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,420
FL167	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
FL168	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,310
FL169	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,170
FL170	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,410
FL171	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,330
FL172	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,420
FL173	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,380
FL174	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,260
FL175	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,380
FL176	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,060
FL177	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,420
FL178	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,760
FL179	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,090
FL180	5/23/24	6	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,140
FL181	5/23/24	6.0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,100
FL182	5/23/24	4.0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,580
FL183	5/23/24	4.0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,330
FL184	5/23/24	4.0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,410
FL185	5/23/24	4.0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,490
FL186	5/23/24	4.0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,150
FL187	5/23/24	4.0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,250
FL188	5/23/24	4.0	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,800
FL189	5/23/24	15	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,440
FL190	5/23/24	15	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	944
FL191	5/23/24	15	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,410
FL192	5/23/24	15	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,380
FL193	5/23/24	15	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,220
FL194	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,840
FL195	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL196	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL197	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL198	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL199	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544
FL200	5/23/24	4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,340
FL201	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL202	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL203	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL204	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL205	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State 5a
NMOCD Ref. #: NAB1902343484

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)
FL206	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL207	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL208	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL209	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL210	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL211	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL212	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL213	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL214	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16
FL215	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16
FL216	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL217	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16
FL218	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL219	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL220	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL221	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL222	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL223	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL224	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL225	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL226	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL227	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL228	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL229	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL230	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL231	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL232	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL233	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL234	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL235	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL236	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL237	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL238	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL239	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL240	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16
FL241	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16
FL242	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL243	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL244	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL245	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL246	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State 5a
NMOCD Ref. #: NAB1902343484

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)
FL247	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL248	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL249	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL250	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL251	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL252	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL253	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL254	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL255	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16
FL256	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL257	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL258	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL259	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL260	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL261	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL262	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL263	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL264	5/23/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL265	5/23/24	15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW1	5/23/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW2	5/23/24	0-15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW3	5/23/24	0-15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW4	5/23/24	0-15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW5	5/23/24	0-15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW6	5/23/24	0-15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
SW7	5/23/24	0-15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
SW8	5/23/24	0-15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SW9	5/23/24	0-15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
SW10	5/23/24	0-15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
SW11	5/23/24	0-15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
SW12	5/23/24	0-15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
SW13	5/23/24	0-15	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SW14	5/23/24	0-6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SW15	5/23/24	0-6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
SW16	5/23/24	0-6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
SW17	5/23/24	0-6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
SW18	5/23/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
SW19	5/23/24	0-4	Excavated	<0.050	<0.300	<10.0	110	110	48.1	158.1	176
SW20	5/23/24	0-4	Excavated	<0.050	<0.300	<10.0	147	147	58.9	205.9	144
SW21	5/23/24	0-4	In-Situ	<0.050	<0.300	<10.0	10.4	<20.0	<10.0	<30.0	96.0
SW22	5/23/24	0-4	In-Situ	<0.050	<0.301	<10.1	51.7	51.7	12.9	64.6	96.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State 5a
NMOCD Ref. #: NAB1902343484

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)
SW23	5/23/24	0-2	In-Situ	<0.050	<0.300	<10.0	32.7	32.7	<10.0	32.7	96.0
SW24	5/23/24	0-2	In-Situ	<0.050	<0.300	<10.0	25.5	25.5	<10.0	<30.0	208
SW25	5/23/24	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
SW26	5/23/24	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
SW27	5/23/24	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
SW28	5/23/24	0-2	In-Situ	<0.050	<0.300	<10.0	15.1	<20.0	<10.0	<30.0	208
SW29	5/23/24	0-2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW30	5/23/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW31	5/23/24	0-4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
SW32	5/23/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW33	5/23/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW34	5/23/24	0-6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW35	5/23/24	0-6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW36	5/23/24	0-6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SW37	5/23/24	0-4	Excavated	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608
SW38	5/23/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW39	5/23/24	0-4	In-Situ	<0.050	0.397	24.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW40	5/23/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW41	5/23/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW42	5/23/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW43	5/23/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW44	5/23/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW45	5/23/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW46	5/23/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW47	5/23/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State 5a
NMOCD Ref. #: NAB1902343484

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)
FL1B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL2B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL3B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL4B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL5B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL6B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL7B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL8B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL9B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL10B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL11B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL12B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL13B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL14B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL15B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL16B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL17B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL18B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL19B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL20B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL21B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL22B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL23B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL24B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL25B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL26B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL27B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL28B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL29B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL30B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL31B	6/10/24	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL32B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL33B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL34B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL35B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL36B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL37B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL38B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL39B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL40B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL41B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State 5a
NMOCD Ref. #: NAB1902343484

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)
FL42B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL43B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL44B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL45B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL46B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL47B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL48B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL49B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL50B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL51B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL52B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL53B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL54B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL55B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL56B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL57B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL58B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL59B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL60B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL61B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL62B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL63B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL64B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL65B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL66B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL67B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL68B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL69B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL70B	6/10/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL71B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL72B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL73B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL74B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL75B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL76B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL77B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL78B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL79B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL80B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL81B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL82B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State 5a
NMOCD Ref. #: NAB1902343484

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)
FL83B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL84B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL85B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL86B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL87B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL88B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL89B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL90B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL91B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL92B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL93B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL94B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL95B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL96B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL97B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL98B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL99B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL100B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL101B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL102B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL103B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL104B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL105B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL106B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL107B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL108B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL109B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL110B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL111B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL112B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL113B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL114B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL115B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL116B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL117B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL118B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL119B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL120B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL121B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL122B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL123B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State 5a
NMOCD Ref. #: NAB1902343484

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)
FL124B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL125B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL126B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL127B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL128B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL129B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL130B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL131B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL132B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL133B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL134B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL135B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL136B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL137B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL138B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL139B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL140B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL141B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL142B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL143B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL144B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL145B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL146B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL147B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL148B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL149B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL150B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL151B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL152B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL153B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL154B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL155B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL156B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL157B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL158B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL159B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL160B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL161B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL162B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL163B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL164B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
Murchison Oil & Gas
Ogden State 5a
NMOCD Ref. #: NAB1902343484

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)
FL165B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL166B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL167B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL168B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL169B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL170B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL171B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL172B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL173B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL174B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL175B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL176B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL177B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL178B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL179B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL180B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL181B	6/14/24	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL182B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL183B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL184B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL185B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL186B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL187B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL188B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL189B	6/14/24	16	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL190B	6/14/24	16	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL191B	6/14/24	16	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL192B	6/14/24	16	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL193B	6/14/24	16	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL194B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL200B	6/14/24	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW19B	6/14/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW20B	6/14/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW31B	6/14/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW37B	6/14/24	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
Topsoil	7/24/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
Caliche	7/24/24	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

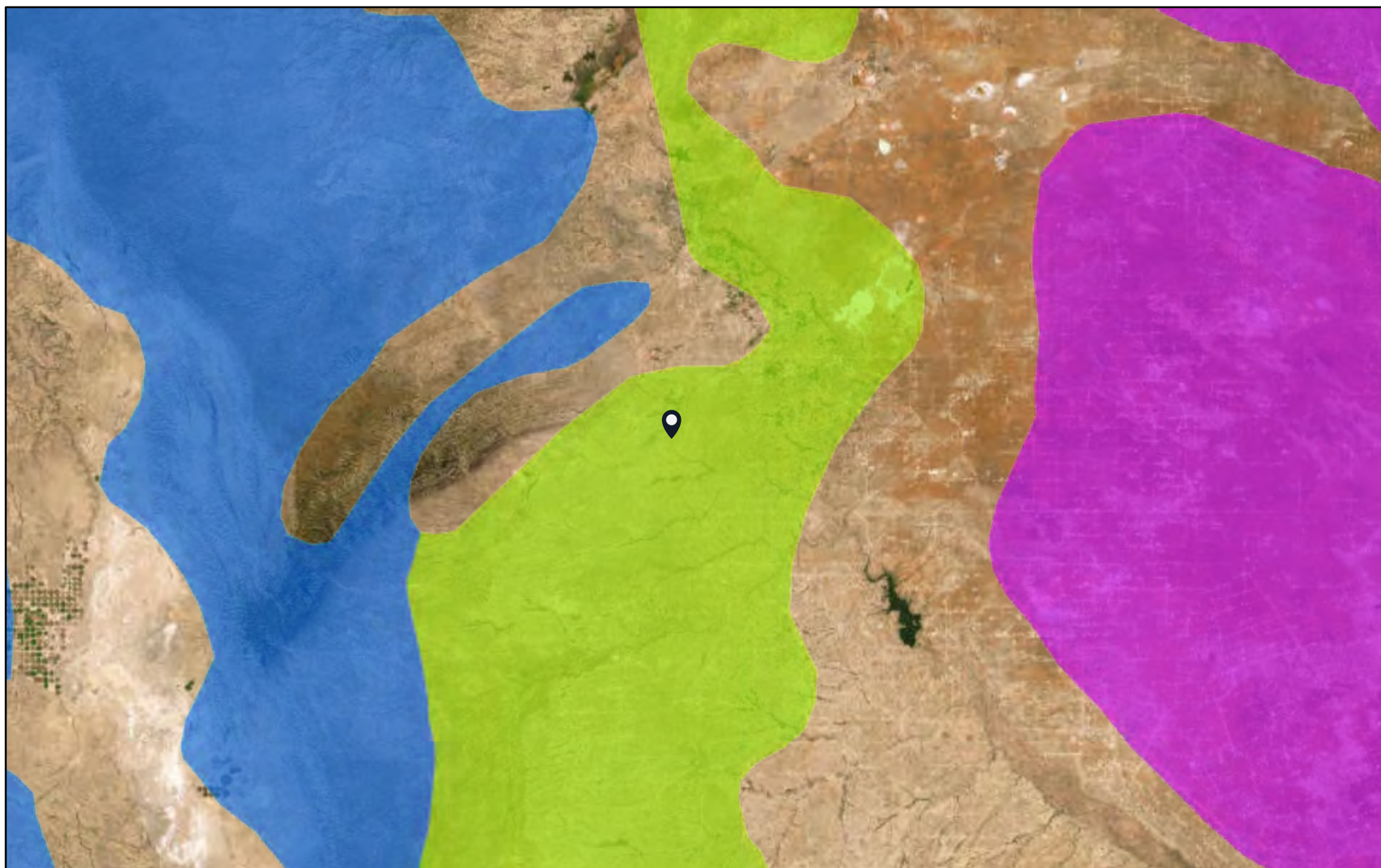
- = Sample not analyzed for that constituent.

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Attachment I

Karst, Wetland, and Soil Maps

Ogden State 5a



3/20/2024

Karst Type

- Carbonate
- Erosional
- Gypsum



Volcanic

World Imagery

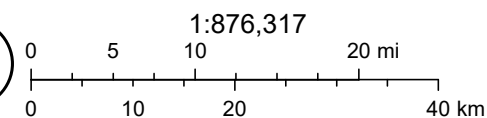
Low Resolution 15m Imagery

High Resolution 60cm Imagery

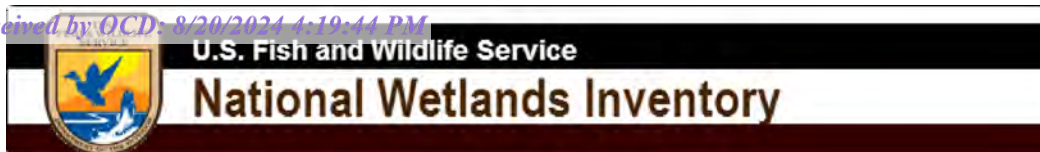
High Resolution 30cm Imagery

Citations

150m Resolution Metadata



U.S. Geological Survey Open-File Report 2004-1352, Caves and Karst in the U.S. National Park Service, AGI Karst Map of the US., Earthstar Geographics



Ogden State 5a



March 20, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

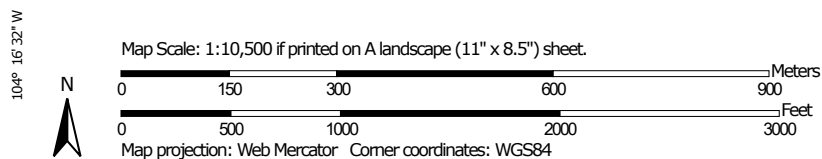
- Lake
- Other
- Riverine

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

Soil Map—Eddy Area, New Mexico
(Ogden State 5a)



Soil Map may not be valid at this scale.



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

7/16/2024
Page 1 of 3

Soil Map—Eddy Area, New Mexico
(Ogden State 5a)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
GC	Gypsum land-Cottonwood complex, 0 to 3 percent slopes	70.1	12.5%
RG	Reeves-Gypsum land complex, 0 to 3 percent slopes	492.6	87.5%
Totals for Area of Interest		562.7	100.0%

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

Ogden State 5a

Eddy Area, New Mexico

RG—Reeves-Gypsum land complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5f

Elevation: 1,250 to 5,000 feet

Mean annual precipitation: 10 to 25 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 190 to 235 days

Farmland classification: Not prime farmland

Map Unit Composition

Reeves and similar soils: 55 percent

Gypsum land: 30 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reeves

Setting

Landform: Ridges, plains, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope

Landform position (three-dimensional): Side slope, head slope, nose slope, crest

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam

H2 - 8 to 32 inches: clay loam

H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 25 percent

Gypsum, maximum content: 80 percent

Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 4.3 inches)



Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

Ogden State 5a

Interpretive groups

Land capability classification (irrigated): 3s

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: B

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Description of Gypsum Land

Setting

Landform: Ridges, plains, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope

Landform position (three-dimensional): Side slope, head slope, nose slope, crest

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Minor Components

Reagan

Percent of map unit: 5 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Largo

Percent of map unit: 5 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Cottonwood

Percent of map unit: 5 percent

Ecological site: R070BC033NM - Salty Bottomland

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

Attachment II

NMOCD Correspondence

Daniel Dominguez

From: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Sent: Tuesday, April 30, 2024 8:02 AM
To: Cindy Cottrell
Cc: Greg Boans; Daniel Dominguez; Smith, Cory, EMNRD; Romero, Rosa, EMNRD; Powell, Brandon, EMNRD; Moander, Chris, EMNRD; Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] Ogden (nMLB1211627407 & nAB1902343484) Off-Site Disposal - Change to Out-of-State

Cindy,

What is the name and address of R360's location in Orla, Texas?

The closure reports will need to include the final version of Texas's equivalent of the C-138 (Request for Approval to Accept Solid Waste) OR a copy of all the final haul tickets/waste manifests. Also include a copy of this email in the closure reports.

When the closure reports are submitted, the remediation plan section of the C-141 will be automatically imported into the application. The disposal facility under the remediation plan will need to be updated to the new disposal facility at the time of the closure report submittal.

Thank you,

Brittany Hall ● Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.517.5333 | Brittany.Hall@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd/>

Please be advised that the new Digital C-141 is live as of December 1, 2023. Please review the new Digital C-141 submission Dec 1, 2023 Guidance document posted on the EMNRD Website prior to submitting any C-141s. The guidance documents can be found at <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> or <https://www.emnrd.nm.gov/ocd/ocd-forms/>.

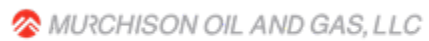
From: Cindy Cottrell <ccottrell@jdmii.com>
Sent: Tuesday, April 30, 2024 7:35 AM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Greg Boans <gboans@jdmii.com>; Daniel Dominguez <ddominguez@hungry-horse.com>
Subject: [EXTERNAL] Ogden (nMLB1211627407 & nAB1902343484) Off-Site Disposal - Change to Out-of-State
Importance: High

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

Good Morning,

We would like to change the off-site disposal from **R360 fEEM0112340644** located in Maljamar, Lea County, NM to R360's location in Orla, TX.

They will be ready to start hauling dirt today or tomorrow. What do you need in order to give us permission to make this change?



Cindy Cottrell
Regulatory Coordinator & Corporate Secretary
7250 Dallas Parkway, Suite 1400
Plano, TX 75024
Direct Line: 469-573-6413

District I1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720**District II**811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720**District III**1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170**District IV**1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 344391

QUESTIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 344391
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1902343484
Incident Name	NAB1902343484 OGDEN STATE 5A RELEASE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Facility	[fAB1902343284] OGDEN STATE 5A RELEASE

Location of Release Source	
Site Name	OGDEN STATE 5A RELEASE
Date Release Discovered	05/26/2017
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	53,000
What is the estimated number of samples that will be gathered	310
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/17/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Jerry Heidelberg, 575-390-3639
Please provide any information necessary for navigation to sampling site	32.154244, -104.263972

District I
1625 N. French Dr., Hobbs, NM 88240
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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 344391

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 344391
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ccottrell	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/14/2024

District I1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 345833

QUESTIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 345833
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1902343484
Incident Name	NAB1902343484 OGDEN STATE 5A RELEASE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Facility	[fAB1902343284] OGDEN STATE 5A RELEASE

Location of Release Source	
Site Name	OGDEN STATE 5A RELEASE
Date Release Discovered	05/26/2017
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	53,000
What is the estimated number of samples that will be gathered	312
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/23/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jerry Heidelberg 1-575-390-3639
Please provide any information necessary for navigation to sampling site	32.154244, -104.263972

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Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

CONDITIONS

Action 345833

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 345833
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ccottrell	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/20/2024

District I

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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS

Action 350422

QUESTIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 350422
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1902343484
Incident Name	NAB1902343484 OGDEN STATE 5A RELEASE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Facility	[fAB1902343284] OGDEN STATE 5A RELEASE

Location of Release Source	
Site Name	OGDEN STATE 5A RELEASE
Date Release Discovered	05/26/2017
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	14,000
What is the estimated number of samples that will be gathered	70
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/10/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Jerry Heidelberg 1-575-390-3639
Please provide any information necessary for navigation to sampling site	32.154244, -104.263972

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CONDITIONS

Action 350422

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 350422
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ccottrell	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/3/2024

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 353111

QUESTIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 353111
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1902343484
Incident Name	NAB1902343484 OGDEN STATE 5A RELEASE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Facility	[fAB1902343284] OGDEN STATE 5A RELEASE

Location of Release Source	
Site Name	OGDEN STATE 5A RELEASE
Date Release Discovered	05/26/2017
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	25,000
What is the estimated number of samples that will be gathered	129
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/14/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Jerry Heidelberg, 575-390-3639
Please provide any information necessary for navigation to sampling site	32.154244, -104.263972

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Santa Fe, NM 87505

CONDITIONS

Action 353111

CONDITIONS

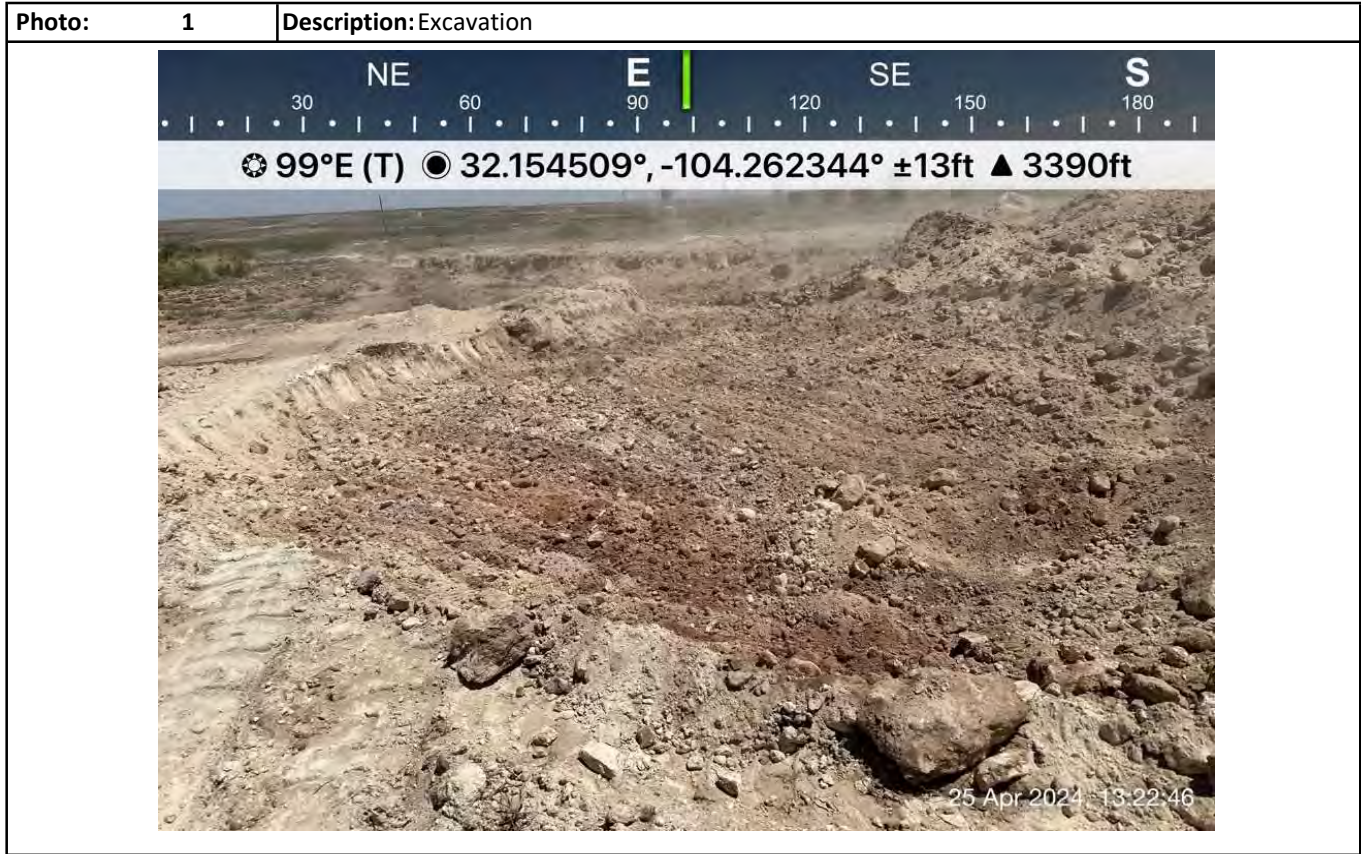
Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 353111
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ccottrell	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/11/2024

Attachment III Site Photographs

Photographs



Photographs



Photographs

Photo:	5	Description: Excavation
--------	---	-------------------------

East Elevation

☼ 288°W (T) ● 32.154320°, -104.262593° ±13ft ▲ 3393ft



29 Apr 2024, 13:47:15

Photo:	6	Description: Excavation
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West Elevation

☼ 101°E (T) ● 32.154349°, -104.263212° ±13ft ▲ 3397ft



29 Apr 2024, 13:49:40

Photographs



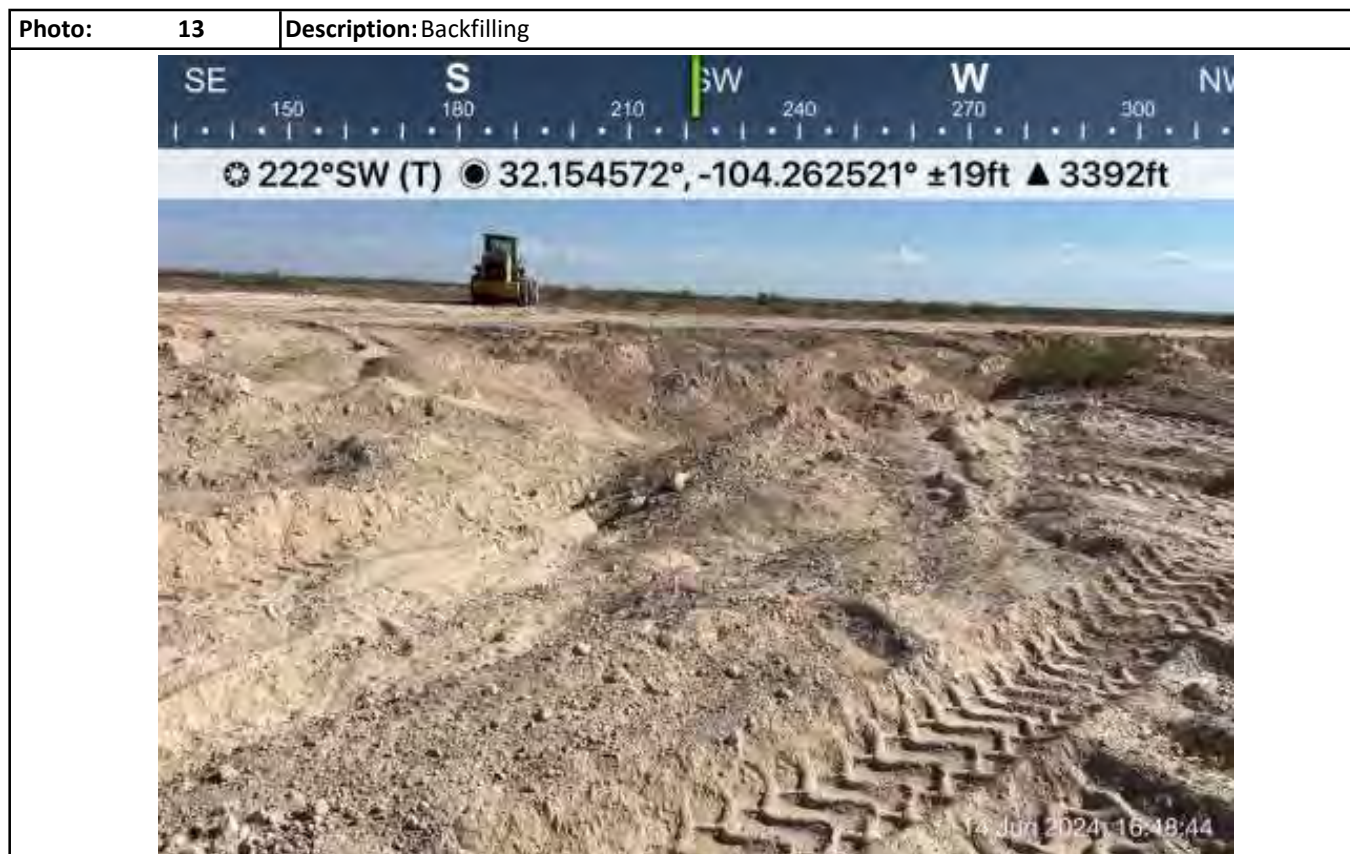
Photographs



Photographs



Photographs



Photographs



Photographs



Photographs



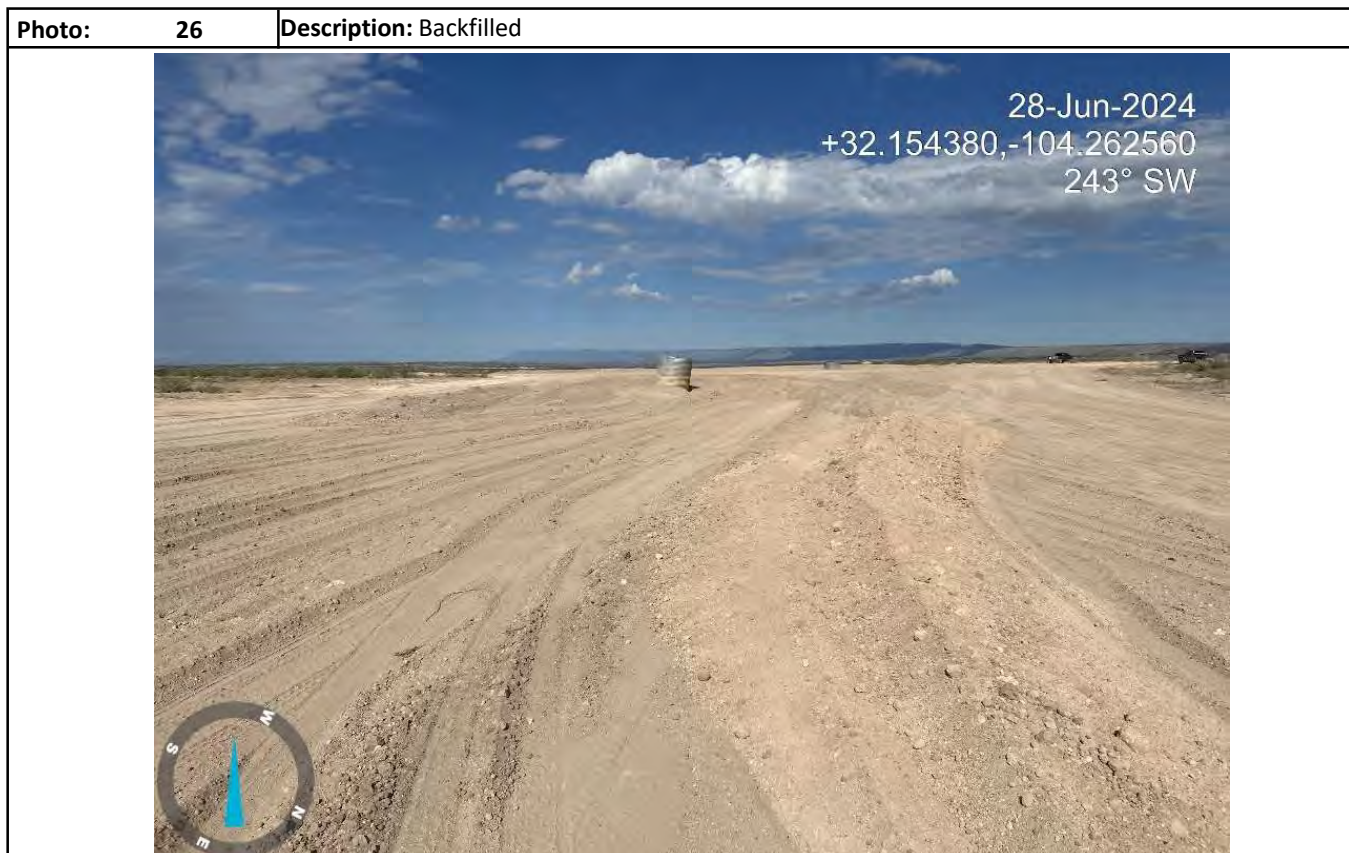
Photographs



Photographs



Photographs



Photographs

Photo: 27	Description: Area disced and watered in preparation for seeding
<div><div><div>S150180210SW40W270300330NW</div><div>☀ 238°SW (T) ● 32.154510°, -104.261258° ±13ft ▲ 3388ft</div><div>11 Jul 2024, 16:00:58</div></div></div>	

Photo: 28	Description: Area disced and watered in preparation for seeding
<div><div><div>S150180210SW240W270300330NW</div><div>☀ 233°SW (T) ● 32.154587°, -104.261736° ±13ft ▲ 3387ft</div><div>11 Jul 2024, 16:01:44</div></div></div>	

Photographs

Photo:29

Description:Seed tag

Bamert Seed Company Inc.

1897 CR 1018 Muleshoe, TX 79347 (800) 262-9892 Permit # TX00905

Murchison-Ogden 5A; NMSLO Loamy Mix PD CC Lot/Sales # SO-83020

Kind & Variety	Pure Seed	Germ	Dormant	Hard Seed	Origin
Bluestem, Little "Cimarron" (Schizachyrium scoparium)	10.77%	61.00%	25.00%	0.00%	TX
Dropseed Sand (Sporobolus cryptandrus)	12.87%	74.00%	22.00%	0.00%	TX
Grams, Blue "Lovington" (Bouteloua Gracilis)	12.87%	91.00%	5.00%	0.00%	TX
Grams, Sideoats "El Reno" (Bouteloua curtipendula)	26.66%	91.00%	2.00%	0.00%	TX
Indian Blanket (Gaillardia pulchella)	6.44%	96.00%	0.00%	0.00%	TX
Sacaton Alkali (Sporobolus airoides)	6.24%	99.00%	0.00%	0.00%	OK
Saltbush Fourwing (Atriplex canescens)	9.35%	99.30%	0.00%	0.00%	NM

Purity: 65.10% Inert Matter: 11.98% Other Crop Seed: 2.90% Weed Seed: 0.00%

Photo:30

Description:Area seeded.

SWW

210240270300

256°W (T) 32.154392°, -104.261882° ±13ft 3393ft

16 Jul 2024, 10:58:07

South West Elevation

61°NE (T) 32.154287°, -104.263167° ±13ft 3397ft

16 Jul 2024, 11:10:54

Released to Imaging: 8/21/2024 11:38:10 AM

Attachment IV

Depth to Groundwater



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

No wells found.

UTMNAD83 Radius Search (in meters):

Easting (X): 569406.25 Northing (Y): 3557770.61 Radius: 805

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

Attachment V

Field Data

Sample Log

Hungry Horse, LLC

Project: Ogden State 5a

Karst Yes Water >100'

Standard TPH 100mg/kg, Chloride 600mg/kg

Date: 4-25-24

GPS: 32.15425, -104.263969

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
HZ 1	Surf	NO	1.6 @ 36x4 = 144	
	1'	NO	3.0 @ 92x4 = 368	
HZ 2	Surf	NO	2.8 @ 83x4 = 332	
	1'	NO	2.1 @ 57x4 = 228	
HZ 3	Surf	NO	1.2 > 100	
	1'	NO	1.8 @ 43x4 = 172	
HZ 4	Surf	NO	1.0 > 100	
	1'	NO	1.6 @ 36x4 = 144	
HZ 5	Surf	NO	2.6 @ 73x4 = 292	
	1'	NO	1.2 > 100	
HZ 6	Surf	NO	1.4 @ 30x4 = 120	
	1'	NO	1.8 @ 43x4 = 172	
HZ 7	Surf	NO	1.0 > 100	
	1'	NO	1.0 > 100	
HZ 8	Surf	NO	1.6 @ 36x4 = 144	
	1'	NO	1.2 @ 210	
HZ 9	Surf	NO	2.0 @ 49x4 = 196	
	1'	NO	1.2 > 100	
HZ 10	Surf	NO	1.8 @ 43x4 = 172	
	1'	NO	1.6 @ 36x4 = 144	
SP1	Surf	Yes	9.2 @ 16149x4 = 24,596	
	1'	Yes	3.0 @ 395x4 = 1,580	
	2'	Yes	7.6 @ 576x4 = 2,304	
	3'	NO	7.6 @ 576x4 = 2,304	
	4'	NO	1.8 @ 43x4 = 172	
	6'			
	8'			
	10'			
	12'			
SP2	Surf	Yes	9.2 @ 16149x4 = 24,596	
	1'	Yes	2.4 @ 279x4 = 1,116	
	2'	Yes	7.6 @ 1020x4 = 2,480	
	3'	NO	7.6 @ 576x4 = 2,304	
	4'		1.8 @ 43x4 = 172	
	6'			
	8'			

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples = SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

Hungry Horse, LLC

Sample Log

Project: Ogden State 5a

Date: 4-25-24Karst Yes Water >100'GPS: 32.15425, -104.263969

Standard TPH 100mg/kg, Chloride 600mg/kg

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
SP2	10'			
	12'			
SP3	Surf	Yes	6.7He 1657X4 = 6,628	
	1'		2.4He 279X4 = 1,116	
	2'		6.4e 377X4 = 1,508	
	3'		2.8e 83X4 = 332	
	4'		2.4e 165X4 = 260	
	6'			
	8'			
	10'			
	12'			
SP4	Surf	Yes	9.2He 6149X4 = 24,596	
	1'	Yes	6.6He 1787X4 = 7,148	
	2'	Yes	5.8He 1322X4 = 5,288	
	3'	Yes	7.8e 620X4 = 2,480	
	4'	No	4.8e 210X4 = 840	
	6' 1/2'	No	3.2e 138X4 = 552	
	8'			
	10'			
	12'			
SP5	Surf	Yes	9.2He 6149X4 = 24,596	
	1'	Yes	8.6He 4193X4 = 16,772	
	2'	No	4.8e 210X4 = 840	
	3'	No	5.6He 1225X4 = 4,900	
	4'	No	7.4e 535X4 = 2,140	
	6'	No	3.4e 114X4 = 456	
	8'			
	10'			
	12'			
SP6	Surf	Yes	9.2He 6149X4 = 24,596	
	1'	Yes	4.8He 897X4 = 3,588	
	2'	Yes	5.0He 972X4 = 3,888	
	3'	Little	7.8e 620X4 = 2,480	
	4'	No	6.8e 433X4 = 1,732	
	6'		3.8e 138X4 = 552	
	8'			

Sample Point = SP1 @ ## etc

Horizontal = HZ1 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R

Resamples = SP1b @ 5' or SW #1b

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Hungry Horse, LLC

Sample Log

Project: Ogden State 5a

Date: _____

Karst Yes Water >100'

GPS: 32.15425, -104.263969

Standard TPH 100mg/kg, Chloride 600mg/kg

Sampler: Jerry Heidelberg

Sample ID	Depth	PID/Odor	Chloride	GPS
SP6	10'			
	12'			
SP7	Surf	Yes	9.0 He 5318x4 = 21,272	
	1'	Yes	4.8 He 897x4 = 3,588	
	2'	No	2.8 He 354x4 = 1,416	
	3'	No	2.8 He 83x4 = 332	
	4'	No	1.8 He 43x4 = 172	
	6'			
	8'			
	10'			
	12'			
SP8	Surf	No	6.8 He 433x4 = 1,732	
	1'	Little	4.2 He 115x4 = 1,060	
	2'	No	5.8 He 305x4 = 1,220	
	3'	No	1.2 > 100	
	4'			
	6'			
	8'			
	10'			
	12'			
SP9	Surf	Yes	4.8 He 210x4 = 840	
	1'	No	4.4 He 179x4 = 716	
	2'	No	3.6 He 125x4 = 552	
	3'	No	2.6 He 73x4 = 292	
	4'	No	2.2 He 57x4 = 228	
	6'			
	8'			
	10'			
	12'			
SP10	Surf	Yes	7.6 He 2644x4 = 10,576	
	1'	Little	5.8 He 305x4 = 1,408	
	2'	No	3.4 He 114x4 = 456	
	3'	No	2.8 He 83x4 = 332	
	4'			
	6'			
	8'			

Sample Point = SP1 @ ## etc

Horizontal = HZ1 etc

Test Trench = TT1 @ ##

Floor = FL1 etc

Refusal = SP1 @ 4'-R

Resamples = SP1b @ 5' or SW #1b

Sidewall = SW1 etc

GPS Sample Points, Center of Comp Areas

Stockpile = Stockpile #1

Attachment VI

Laboratory Analytical Reports



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

May 02, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 5A

Enclosed are the results of analyses for samples received by the laboratory on 04/26/24 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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:	04/26/2024	Sampling Date:	04/25/2024
Reported:	05/02/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ O SEC 2 T25S - R26E		

Sample ID: HZ 1 - SURF (H242257-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/30/2024	ND	2.14	107	2.00	0.697	
Toluene*	<0.050	0.050	04/30/2024	ND	2.14	107	2.00	4.68	
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.19	109	2.00	5.03	
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	4.69	
Total BTEX	<0.300	0.300	04/30/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/30/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	193	96.4	200	3.98	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	191	95.5	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 1 - 1' (H242257-02)

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	04/30/2024	ND	2.14	107	2.00	0.697		
Toluene*	<0.050	0.050	04/30/2024	ND	2.14	107	2.00	4.68		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.19	109	2.00	5.03		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	4.69		
Total BTEX	<0.300	0.300	04/30/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	04/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 2 - SURF (H242257-03)

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	04/30/2024	ND	2.14	107	2.00	0.697		
Toluene*	<0.050	0.050	04/30/2024	ND	2.14	107	2.00	4.68		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.19	109	2.00	5.03		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	4.69		
Total BTEx	<0.300	0.300	04/30/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	04/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 2 - 1' (H242257-04)

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	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEX	<0.300	0.300	04/30/2024	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	160	16.0	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 3 - SURF (H242257-05)

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	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEX	<0.300	0.300	04/30/2024	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	32.0	16.0	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 87.4 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 3 - 1' (H242257-06)

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	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEX	<0.300	0.300	04/30/2024	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	192	16.0	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 4 - SURF (H242257-07)

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	04/30/2024	ND	2.09	104	2.00	2.95	
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66	
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57	
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01	
Total BTX	<0.300	0.300	04/30/2024	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	32.0	16.0	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 4 - 1' (H242257-08)

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	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEX	<0.300	0.300	04/30/2024	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	64.0	16.0	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 5 - SURF (H242257-09)

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	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEx	<0.300	0.300	04/30/2024	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	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 5 - 1' (H242257-10)

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	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEX	<0.300	0.300	04/30/2024	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	32.0	16.0	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 6 - SURF (H242257-11)

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	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEx	<0.300	0.300	04/30/2024	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	112	16.0	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 6 - 1' (H242257-12)

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	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEX	<0.300	0.300	04/30/2024	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	128	16.0	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 7 - SURF (H242257-13)

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	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEx	<0.300	0.300	04/30/2024	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	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 7 - 1' (H242257-14)

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	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEX	<0.300	0.300	04/30/2024	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	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 72.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 8 - SURF (H242257-15)

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	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEX	<0.300	0.300	04/30/2024	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	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 8 - 1' (H242257-16)

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	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEX	<0.300	0.300	04/30/2024	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	32.0	16.0	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 69.3 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 9 - SURF (H242257-17)

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	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEX	<0.300	0.300	04/30/2024	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	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 53.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.7 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 9 - 1' (H242257-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEX	<0.300	0.300	04/30/2024	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	80.0	16.0	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 10 - SURF (H242257-19)

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	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEX	<0.300	0.300	04/30/2024	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	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 72.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: HZ 10 - 1' (H242257-20)

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	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEX	<0.300	0.300	04/30/2024	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	144	16.0	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 - SURF (H242257-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/30/2024	ND	2.09	104	2.00	2.95		
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01		
Total BTEx	<0.300	0.300	04/30/2024	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	52000	16.0	04/30/2024	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	04/30/2024	ND	201	101	200	2.63	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	195	97.6	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 76.9 % 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
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 - 4' (H242257-22)

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	04/30/2024	ND	2.09	104	2.00	2.95	
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66	
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57	
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01	
Total BTEX	<0.300	0.300	04/30/2024	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	192	16.0	04/30/2024	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	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 - SURF (H242257-23)

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	04/30/2024	ND	2.09	104	2.00	2.95	
Toluene*	<0.050	0.050	04/30/2024	ND	2.15	107	2.00	2.66	
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.15	108	2.00	2.57	
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.58	110	6.00	2.01	
Total BTEX	<0.300	0.300	04/30/2024	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	58600	16.0	04/30/2024	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	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 - 4' (H242257-24)

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	04/30/2024	ND	2.10	105	2.00	7.60	
Toluene*	<0.050	0.050	04/30/2024	ND	2.09	105	2.00	8.57	
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.29	115	2.00	9.30	
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.98	116	6.00	10.0	
Total BTEX	<0.300	0.300	04/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	05/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 - SURF (H242257-25)

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	04/30/2024	ND	2.10	105	2.00	7.60	
Toluene*	<0.050	0.050	04/30/2024	ND	2.09	105	2.00	8.57	
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.29	115	2.00	9.30	
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.98	116	6.00	10.0	
Total BTEX	<0.300	0.300	04/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10100	16.0	05/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 - 4' (H242257-26)

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	04/30/2024	ND	2.10	105	2.00	7.60	
Toluene*	<0.050	0.050	04/30/2024	ND	2.09	105	2.00	8.57	
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.29	115	2.00	9.30	
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.98	116	6.00	10.0	
Total BTEX	<0.300	0.300	04/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	05/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 4 - SURF (H242257-27)

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	04/30/2024	ND	2.10	105	2.00	7.60	
Toluene*	<0.050	0.050	04/30/2024	ND	2.09	105	2.00	8.57	
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.29	115	2.00	9.30	
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.98	116	6.00	10.0	
Total BTEX	<0.300	0.300	04/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	52800	16.0	05/01/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	20.5	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 4 - 4.5' (H242257-28)

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	04/30/2024	ND	2.10	105	2.00	7.60		
Toluene*	<0.050	0.050	04/30/2024	ND	2.09	105	2.00	8.57		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.29	115	2.00	9.30		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.98	116	6.00	10.0		
Total BTEX	<0.300	0.300	04/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	05/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 5 - SURF (H242257-29)

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	04/30/2024	ND	2.10	105	2.00	7.60		
Toluene*	<0.050	0.050	04/30/2024	ND	2.09	105	2.00	8.57		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.29	115	2.00	9.30		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.98	116	6.00	10.0		
Total BTEx	<0.300	0.300	04/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	105000	16.0	05/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 5 - 6' (H242257-30)

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	04/30/2024	ND	2.10	105	2.00	7.60	
Toluene*	<0.050	0.050	04/30/2024	ND	2.09	105	2.00	8.57	
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.29	115	2.00	9.30	
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.98	116	6.00	10.0	
Total BTEX	<0.300	0.300	04/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	05/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 6 - SURF (H242257-31)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/30/2024	ND	2.10	105	2.00	7.60	
Toluene*	<0.050	0.050	04/30/2024	ND	2.09	105	2.00	8.57	
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.29	115	2.00	9.30	
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.98	116	6.00	10.0	
Total BTEX	<0.300	0.300	04/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	74000	16.0	05/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 6 - 6' (H242257-32)

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	04/30/2024	ND	2.10	105	2.00	7.60		
Toluene*	<0.050	0.050	04/30/2024	ND	2.09	105	2.00	8.57		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	2.29	115	2.00	9.30		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	6.98	116	6.00	10.0		
Total BTEX	<0.300	0.300	04/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	05/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 7 - SURF (H242257-33)

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	04/30/2024	ND	1.97	98.4	2.00	3.11		
Toluene*	<0.050	0.050	04/30/2024	ND	1.97	98.3	2.00	2.25		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	1.98	99.2	2.00	2.05		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	5.79	96.6	6.00	2.08		
Total BTEX	<0.300	0.300	04/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	22400	16.0	05/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	196	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	69.7	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 7 - 3' (H242257-34)

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	04/30/2024	ND	1.97	98.4	2.00	3.11	
Toluene*	<0.050	0.050	04/30/2024	ND	1.97	98.3	2.00	2.25	
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	1.98	99.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	04/30/2024	ND	5.79	96.6	6.00	2.08	
Total BTEX	<0.300	0.300	04/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	05/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 8 - SURF (H242257-35)

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	04/30/2024	ND	1.97	98.4	2.00	3.11		
Toluene*	<0.050	0.050	04/30/2024	ND	1.97	98.3	2.00	2.25		
Ethylbenzene*	<0.050	0.050	04/30/2024	ND	1.98	99.2	2.00	2.05		
Total Xylenes*	<0.150	0.150	04/30/2024	ND	5.79	96.6	6.00	2.08		
Total BTEX	<0.300	0.300	04/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	05/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/26/2024	Sampling Date:	04/25/2024
Reported:	05/02/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	UL/ O SEC 2 T25S - R26E		

Sample ID: SP 8 - 3' (H242257-36)

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	05/01/2024	ND	1.97	98.4	2.00	3.11	
Toluene*	<0.050	0.050	05/01/2024	ND	1.97	98.3	2.00	2.25	
Ethylbenzene*	<0.050	0.050	05/01/2024	ND	1.98	99.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	05/01/2024	ND	5.79	96.6	6.00	2.08	
Total BTEX	<0.300	0.300	05/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 9 - SURF (H242257-37)

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	05/01/2024	ND	1.97	98.4	2.00	3.11	
Toluene*	<0.050	0.050	05/01/2024	ND	1.97	98.3	2.00	2.25	
Ethylbenzene*	<0.050	0.050	05/01/2024	ND	1.98	99.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	05/01/2024	ND	5.79	96.6	6.00	2.08	
Total BTEX	<0.300	0.300	05/01/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	05/01/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 9 - 2' (H242257-38)

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	05/01/2024	ND	1.97	98.4	2.00	3.11		
Toluene*	<0.050	0.050	05/01/2024	ND	1.97	98.3	2.00	2.25		
Ethylbenzene*	<0.050	0.050	05/01/2024	ND	1.98	99.2	2.00	2.05		
Total Xylenes*	<0.150	0.150	05/01/2024	ND	5.79	96.6	6.00	2.08		
Total BTEX	<0.300	0.300	05/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 117 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 10 - SURF (H242257-39)

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	05/01/2024	ND	1.97	98.4	2.00	3.11	
Toluene*	<0.050	0.050	05/01/2024	ND	1.97	98.3	2.00	2.25	
Ethylbenzene*	<0.050	0.050	05/01/2024	ND	1.98	99.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	05/01/2024	ND	5.79	96.6	6.00	2.08	
Total BTEx	<0.300	0.300	05/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	20400	16.0	05/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 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: 04/26/2024
 Reported: 05/02/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 04/25/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 10 - 2' (H242257-40)

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	05/01/2024	ND	1.97	98.4	2.00	3.11	
Toluene*	<0.050	0.050	05/01/2024	ND	1.97	98.3	2.00	2.25	
Ethylbenzene*	<0.050	0.050	05/01/2024	ND	1.98	99.2	2.00	2.05	
Total Xylenes*	<0.150	0.150	05/01/2024	ND	5.79	96.6	6.00	2.08	
Total BTEX	<0.300	0.300	05/01/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	05/01/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/30/2024	ND	220	110	200	5.12	
DRO >C10-C28*	<10.0	10.0	04/30/2024	ND	216	108	200	7.53	
EXT DRO >C28-C36	<10.0	10.0	04/30/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

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.
- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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

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: Murchison Oil & Gas																			
Address: 4024 Plains Hwy		Attn: Greg Boans																			
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista																		
Phone #: 575 393-3386	Fax #:	Project Owner: Murchison Oil & Gas	City: Carlsbad																		
Project Name: Ogden State 5a	State: NM	Zip: 88230	Phone #: 575 706-0667																		
Project Location: UL O Sec 2 T25S - R26E	Fax #:																				
Sampler Name: Jerry Heidelberg																					
FOR LAB USE ONLY																					
Lab I.D. Sample I.D.																					
4242357																					
1 HZ1-Surf																					
2 HZ1-1'																					
3 HZ2-Surf																					
4 HZ2-1'																					
5 HZ3-Surf																					
6 HZ3-1'																					
7 HZ4-Surf																					
8 HZ4-1'																					
9 HZ5-Surf																					
10 HZ5-1'																					
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Relinquished By: <i>[Signature]</i>																					
Relinquished By: <i>[Signature]</i>																					
P.O. #:																					
Time: 4-26-24																					
Date: 4-26-24																					
Received By: <i>[Signature]</i>																					
Time: 3:16																					
Delivered By: (Circle One) <i>[Signature]</i>																					
Sampler - UPS - Bus - Other: <i>[Signature]</i>																					
Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No																					
CHECKED BY: <i>[Signature]</i>																					
REMARKS:																					
Email results to: pm@hungry-horse.com																					
gboans@jdmil.com																					
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 #:																					



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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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		Company: Murchison Oil & Gas																		
Address: 4024 Plains Hwy		Attn: Greg Boans																		
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista																	
Phone #: 575 393-3386	Fax #:		City: Carlsbad																	
Project #:	Project Owner: Murchison Oil & Gas	State: NM	Zip: 88230																	
Project Name: Ogden State 5a			Phone #: 575 706-0667																	
Project Location: U/L O Sec 2 T25S - R26E			Fax #:																	
Sampler Name: Jerry Heidelberg																				
FOR LAB USE ONLY																				
Lab I.D. Sample I.D. H342357	31	SP6-Surf	G	1	X	4/25/24	Chloride	X	X	X										
	32	SP6-6'	G	1	X	4/25/24	TPH	X	X	X										
	33	SP7-Surf	G	1	X	4/25/24	BTEX 8021	X	X	X										
	34	SP7-3'	G	1	X	4/25/24														
	35	SP8-Surf	G	1	X	4/25/24														
	36	SP8-3'	G	1	X	4/25/24														
	37	SP9-Surf	G	1	X	4/25/24														
	38	SP9-2'	G	1	X	4/25/24														
	39	SP10-Surf	G	1	X	4/25/24														
	40	SP10-2'	G	1	X	4/25/24														
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	Reinquisitioned By: [Signature]		Date: 4-26-24	Received By: [Signature]		Time: 1:00	REMARKS:													
	Delivered By: (Circle One)		Sample Condition:		CHECKED BY: (Initials)		Email results to: pm@hungry-horse.com gboans@jdmil.com													
	Sampler - UPS - Bus - Other:		Cool Intact		Yes		Phone Result: Yes No Add'l Phone #: Add'l Fax #:													



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

May 14, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 5A

Enclosed are the results of analyses for samples received by the laboratory on 05/13/24 15:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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: 05/13/2024
 Reported: 05/14/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP 4 - 15' (H242605-01)

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	05/13/2024	ND	1.98	98.8	2.00	4.35	
Toluene*	<0.050	0.050	05/13/2024	ND	2.08	104	2.00	4.37	
Ethylbenzene*	<0.050	0.050	05/13/2024	ND	2.10	105	2.00	4.00	
Total Xylenes*	<0.150	0.150	05/13/2024	ND	6.51	108	6.00	3.65	
Total BTX	<0.300	0.300	05/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	05/14/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2024	ND	191	95.5	200	2.85	
DRO >C10-C28*	<10.0	10.0	05/13/2024	ND	184	92.2	200	0.710	
EXT DRO >C28-C36	<10.0	10.0	05/13/2024	ND					

Surrogate: 1-Chlorooctane 103 % 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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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

May 29, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 5A

Enclosed are the results of analyses for samples received by the laboratory on 05/24/24 15:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/24/2024	Sampling Date:	05/23/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ O SEC 2 T25S - R26E		

Sample ID: FL 1 2' (H242930-01)

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	05/24/2024	ND	1.69	84.3	2.00	6.37	
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5	
Total BTEx	<0.300	0.300	05/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: CT				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	05/29/2024	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	05/24/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 2 2' (H242930-02)

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	05/24/2024	ND	1.69	84.3	2.00	6.37		
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5		
Total BTEX	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	864	16.0	05/29/2024	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	05/24/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 3 2' (H242930-03)

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	05/24/2024	ND	1.69	84.3	2.00	6.37		
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5		
Total BTEx	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	05/29/2024	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	05/24/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 4 2' (H242930-04)

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	05/24/2024	ND	1.69	84.3	2.00	6.37		
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5		
Total BTEX	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1680	16.0	05/29/2024	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	05/24/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 5 2' (H242930-05)

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	05/24/2024	ND	1.69	84.3	2.00	6.37		
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5		
Total BTEx	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1500	16.0	05/29/2024	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	05/24/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 6 2' (H242930-06)

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	05/24/2024	ND	1.69	84.3	2.00	6.37	
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5	
Total BTEx	<0.300	0.300	05/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1960	16.0	05/29/2024	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	05/24/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 7 2' (H242930-07)

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	05/24/2024	ND	1.69	84.3	2.00	6.37	
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5	
Total BTEX	<0.300	0.300	05/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15600	16.0	05/29/2024	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	05/24/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 8 2' (H242930-08)

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	05/24/2024	ND	1.69	84.3	2.00	6.37	
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5	
Total BTEX	<0.300	0.300	05/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12000	16.0	05/29/2024	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	05/24/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 9 2' (H242930-09)

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	05/24/2024	ND	1.69	84.3	2.00	6.37	
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5	
Total BTEX	<0.300	0.300	05/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	05/29/2024	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	05/24/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 10 2' (H242930-10)

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	05/24/2024	ND	1.69	84.3	2.00	6.37	
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5	
Total BTEX	<0.300	0.300	05/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	05/29/2024	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	05/24/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 11 2' (H242930-11)

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	05/24/2024	ND	1.69	84.3	2.00	6.37	
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5	
Total BTEX	<0.300	0.300	05/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10700	16.0	05/29/2024	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	05/24/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 12 2' (H242930-12)

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	05/24/2024	ND	1.69	84.3	2.00	6.37	
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5	
Total BTX	<0.300	0.300	05/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	05/29/2024	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	05/24/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 13 2' (H242930-13)

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	05/24/2024	ND	1.69	84.3	2.00	6.37		
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5		
Total BTEX	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	05/29/2024	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	05/24/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 53.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 14 2' (H242930-14)

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	05/24/2024	ND	1.69	84.3	2.00	6.37		
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5		
Total BTEX	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5360	16.0	05/29/2024	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	05/25/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 15 2' (H242930-15)

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	05/24/2024	ND	1.69	84.3	2.00	6.37		
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5		
Total BTX	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4560	16.0	05/29/2024	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	05/25/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 66.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 16 2' (H242930-16)

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	05/24/2024	ND	1.69	84.3	2.00	6.37	
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5	
Total BTEX	<0.300	0.300	05/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4160	16.0	05/29/2024	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	05/25/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 63.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 17 2' (H242930-17)

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	05/24/2024	ND	1.69	84.3	2.00	6.37		
Toluene*	<0.050	0.050	05/24/2024	ND	1.75	87.3	2.00	10.7		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	14.5		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.36	89.4	6.00	14.5		
Total BTEX	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1150	16.0	05/29/2024	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	05/25/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 62.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 18 2' (H242930-18)

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	05/25/2024	ND	1.69	84.3	2.00	6.37	
Toluene*	<0.050	0.050	05/25/2024	ND	1.75	87.3	2.00	10.7	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.36	89.4	6.00	14.5	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	05/29/2024	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 56.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 19 2' (H242930-19)

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	05/25/2024	ND	1.69	84.3	2.00	6.37		
Toluene*	<0.050	0.050	05/25/2024	ND	1.75	87.3	2.00	10.7		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.1	2.00	14.5		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.36	89.4	6.00	14.5		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1100	16.0	05/29/2024	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 66.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 20 2' (H242930-20)

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	05/25/2024	ND	1.69	84.3	2.00	6.37		
Toluene*	<0.050	0.050	05/25/2024	ND	1.75	87.3	2.00	10.7		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.1	2.00	14.5		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.36	89.4	6.00	14.5		
Total BTEx	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	05/29/2024	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	212	106	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	216	108	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 64.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 21 2' (H242930-21)

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	05/25/2024	ND	1.75	87.5	2.00	4.80		
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1070	16.0	05/29/2024	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 22 2' (H242930-22)

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	05/25/2024	ND	1.75	87.5	2.00	4.80		
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1870	16.0	05/29/2024	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 48.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 52.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 23 2' (H242930-23)

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	05/25/2024	ND	1.75	87.5	2.00	4.80		
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1880	16.0	05/29/2024	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 50.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 53.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 24 2' (H242930-24)

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	05/25/2024	ND	1.75	87.5	2.00	4.80	
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	05/29/2024	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 49.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 54.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 25 2' (H242930-25)

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	05/25/2024	ND	1.75	87.5	2.00	4.80		
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2920	16.0	05/29/2024	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 26 2' (H242930-26)

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	05/25/2024	ND	1.75	87.5	2.00	4.80	
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	05/29/2024	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 68.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 27 2' (H242930-27)

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	05/25/2024	ND	1.75	87.5	2.00	4.80		
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3200	16.0	05/29/2024	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 70.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 28 2' (H242930-28)

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	05/25/2024	ND	1.75	87.5	2.00	4.80		
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10500	16.0	05/29/2024	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 29 2' (H242930-29)

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	05/25/2024	ND	1.75	87.5	2.00	4.80		
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08		
Total BTX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 84.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	05/29/2024	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 30 2' (H242930-30)

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	05/25/2024	ND	1.75	87.5	2.00	4.80		
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2360	16.0	05/29/2024	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 31 2' (H242930-31)

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	05/25/2024	ND	1.75	87.5	2.00	4.80		
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3920	16.0	05/29/2024	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 52.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 32 2' (H242930-32)

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	05/25/2024	ND	1.75	87.5	2.00	4.80	
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08	
Total BTX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	05/29/2024	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 33 2' (H242930-33)

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	05/25/2024	ND	1.75	87.5	2.00	4.80	
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2610	16.0	05/29/2024	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 51.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 34 2' (H242930-34)

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	05/25/2024	ND	1.75	87.5	2.00	4.80	
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2960	16.0	05/29/2024	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 49.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 56.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 35 2' (H242930-35)

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	05/25/2024	ND	1.75	87.5	2.00	4.80	
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2760	16.0	05/29/2024	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 36 2' (H242930-36)

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	05/25/2024	ND	1.75	87.5	2.00	4.80	
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	05/29/2024	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 54.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 37 2' (H242930-37)

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	05/25/2024	ND	1.75	87.5	2.00	4.80	
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	05/29/2024	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 51.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 38 2' (H242930-38)

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	05/25/2024	ND	1.75	87.5	2.00	4.80	
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 39 2' (H242930-39)

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	05/25/2024	ND	1.75	87.5	2.00	4.80		
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08		
Total BTX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2360	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 40 2' (H242930-40)

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	05/25/2024	ND	1.75	87.5	2.00	4.80	
Toluene*	<0.050	0.050	05/25/2024	ND	1.77	88.7	2.00	4.66	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.84	92.0	2.00	4.68	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.33	88.8	6.00	5.08	
Total BTX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1460	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.1	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	181	90.3	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 51.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 41 2' (H242930-41)

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	05/25/2024	ND	1.92	95.8	2.00	19.7		
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1		
Total BTEx	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3240	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2024	ND	210	105	200	1.04	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 65.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 42 2' (H242930-42)

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	05/25/2024	ND	1.92	95.8	2.00	19.7		
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3080	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2024	ND	210	105	200	1.04	
DRO >C10-C28*	10.2	10.0	05/24/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 64.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 43 2' (H242930-43)

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	05/25/2024	ND	1.92	95.8	2.00	19.7	
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3120	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2024	ND	210	105	200	1.04	
DRO >C10-C28*	20.8	10.0	05/24/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 44 2' (H242930-44)

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	05/25/2024	ND	1.92	95.8	2.00	19.7	
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3560	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2024	ND	210	105	200	1.04	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 64.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 45 2' (H242930-45)

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	05/25/2024	ND	1.92	95.8	2.00	19.7		
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2760	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2024	ND	210	105	200	1.04	
DRO >C10-C28*	12.9	10.0	05/24/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 59.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 46 2' (H242930-46)

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	05/25/2024	ND	1.92	95.8	2.00	19.7	
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1	
Total BTX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3400	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2024	ND	210	105	200	1.04	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 61.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 47 2' (H242930-47)

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	05/25/2024	ND	1.92	95.8	2.00	19.7	
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3680	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2024	ND	210	105	200	1.04	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 56.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 48 2' (H242930-48)

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	05/25/2024	ND	1.92	95.8	2.00	19.7		
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1		
Total BTEx	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4480	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2024	ND	210	105	200	1.04	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 63.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 49 2' (H242930-49)**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	05/25/2024	ND	1.92	95.8	2.00	19.7	
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.7 % 71.5-134

Chloride, SM4500Cl-B**mg/kg****Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M**mg/kg****Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2024	ND	210	105	200	1.04	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 59.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 50 2' (H242930-50)

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	05/25/2024	ND	1.92	95.8	2.00	19.7		
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	210	105	200	1.04	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 51 2' (H242930-51)

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	05/25/2024	ND	1.92	95.8	2.00	19.7		
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1300	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	210	105	200	1.04	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 61.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 52 2' (H242930-52)

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	05/25/2024	ND	1.92	95.8	2.00	19.7	
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	210	105	200	1.04	
DRO >C10-C28*	10.5	10.0	05/25/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 58.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 53 2' (H242930-53)

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	05/25/2024	ND	1.92	95.8	2.00	19.7	
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	210	105	200	1.04	
DRO >C10-C28*	12.8	10.0	05/25/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 59.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 54 2' (H242930-54)**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	05/25/2024	ND	1.92	95.8	2.00	19.7	
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.1 % 71.5-134

Chloride, SM4500Cl-B**mg/kg****Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M**mg/kg****Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	210	105	200	1.04	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 57.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 55 2' (H242930-55)

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	05/25/2024	ND	1.92	95.8	2.00	19.7	
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	210	105	200	1.04	
DRO >C10-C28*	14.9	10.0	05/25/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 60.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 56 2' (H242930-56)

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	05/25/2024	ND	1.92	95.8	2.00	19.7	
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	210	105	200	1.04	
DRO >C10-C28*	14.0	10.0	05/25/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 58.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 57 2' (H242930-57)

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	05/25/2024	ND	1.92	95.8	2.00	19.7	
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	210	105	200	1.04	
DRO >C10-C28*	15.1	10.0	05/25/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 54.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 58 2' (H242930-58)

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	05/25/2024	ND	1.92	95.8	2.00	19.7		
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1		
Total BTEx	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	05/29/2024	ND	416	104	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	210	105	200	1.04	
DRO >C10-C28*	11.2	10.0	05/25/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 61.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 59 2' (H242930-59)

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	05/25/2024	ND	1.92	95.8	2.00	19.7		
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2520	16.0	05/29/2024	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	05/25/2024	ND	210	105	200	1.04	
DRO >C10-C28*	12.7	10.0	05/25/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 58.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 60 2' (H242930-60)

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	05/25/2024	ND	1.92	95.8	2.00	19.7	
Toluene*	<0.050	0.050	05/25/2024	ND	1.87	93.6	2.00	19.1	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.90	95.0	2.00	19.7	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.48	91.3	6.00	19.1	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	05/29/2024	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	05/25/2024	ND	210	105	200	1.04	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	210	105	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 54.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 61 2' (H242930-61)

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	05/25/2024	ND	1.77	88.7	2.00	7.39		
Toluene*	<0.050	0.050	05/25/2024	ND	1.67	83.6	2.00	0.110		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.64	82.0	2.00	6.15		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	4.76	79.3	6.00	5.47		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	05/29/2024	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	05/24/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	14.0	10.0	05/24/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 55.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 62 2' (H242930-62)

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	05/25/2024	ND	1.77	88.7	2.00	7.39		
Toluene*	<0.050	0.050	05/25/2024	ND	1.67	83.6	2.00	0.110		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.64	82.0	2.00	6.15		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	4.76	79.3	6.00	5.47		
Total BTEX	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2960	16.0	05/29/2024	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	05/24/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	14.0	10.0	05/24/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 55.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 63 2' (H242930-63)

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	05/25/2024	ND	1.77	88.7	2.00	7.39	
Toluene*	<0.050	0.050	05/25/2024	ND	1.67	83.6	2.00	0.110	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.64	82.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	4.76	79.3	6.00	5.47	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	05/29/2024	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	05/24/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	10.9	10.0	05/24/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 53.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 64 2' (H242930-64)

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	05/28/2024	ND	1.77	88.7	2.00	7.39	
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47	
Total BTX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3160	16.0	05/29/2024	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	05/24/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	12.6	10.0	05/24/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 55.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 65 2' (H242930-65)

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	05/28/2024	ND	1.77	88.7	2.00	7.39	
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	05/29/2024	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	05/24/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 59.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 66 2' (H242930-66)

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	05/28/2024	ND	1.77	88.7	2.00	7.39		
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47		
Total BTEX	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3880	16.0	05/29/2024	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	05/24/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	14.1	10.0	05/24/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 54.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 67 2' (H242930-67)

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	05/28/2024	ND	1.77	88.7	2.00	7.39	
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	05/29/2024	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	05/24/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	12.0	10.0	05/24/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 60.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 68 2' (H242930-68)

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	05/28/2024	ND	1.77	88.7	2.00	7.39	
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3720	16.0	05/29/2024	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	05/24/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	17.4	10.0	05/24/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 49.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 69 2' (H242930-69)

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	05/28/2024	ND	1.77	88.7	2.00	7.39	
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3480	16.0	05/29/2024	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	05/24/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 56.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 70 2' (H242930-70)

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	05/28/2024	ND	1.77	88.7	2.00	7.39	
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2280	16.0	05/29/2024	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	05/24/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 57.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 71 2' (H242930-71)

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	05/28/2024	ND	1.77	88.7	2.00	7.39	
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	05/29/2024	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	05/25/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 53.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 72 2' (H242930-72)

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	05/28/2024	ND	1.77	88.7	2.00	7.39	
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47	
Total BTX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2240	16.0	05/29/2024	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	05/28/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 73 2' (H242930-73)

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	05/28/2024	ND	1.77	88.7	2.00	7.39	
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47	
Total BTX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2320	16.0	05/29/2024	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	05/25/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 50.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 74 2' (H242930-74)

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	05/28/2024	ND	1.77	88.7	2.00	7.39	
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	05/29/2024	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	05/25/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 48.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 75 2' (H242930-75)

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	05/28/2024	ND	1.77	88.7	2.00	7.39	
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	05/29/2024	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	05/25/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 53.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.4 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 76 2' (H242930-76)

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	05/28/2024	ND	1.77	88.7	2.00	7.39	
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2240	16.0	05/29/2024	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	05/25/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 52.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.4 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 77 4' (H242930-77)

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	05/28/2024	ND	1.77	88.7	2.00	7.39	
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47	
Total BTX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	05/29/2024	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	05/25/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 50.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 78 4' (H242930-78)

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	05/28/2024	ND	1.77	88.7	2.00	7.39		
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47		
Total BTX	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 50.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 79 4' (H242930-79)

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	05/28/2024	ND	1.77	88.7	2.00	7.39	
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1960	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 49.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 80 4' (H242930-80)

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	05/28/2024	ND	1.77	88.7	2.00	7.39	
Toluene*	<0.050	0.050	05/28/2024	ND	1.67	83.6	2.00	0.110	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.64	82.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	4.76	79.3	6.00	5.47	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2160	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	195	97.4	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	190	95.1	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 51.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 81 4' (H242930-81)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	QR-03
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	QR-03
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	QR-03
Total BTEx	<0.300	0.300	05/25/2024	ND					QR-03

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2080	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 103 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 82 4' (H242930-82)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 83 4' (H242930-83)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 84 4' (H242930-84)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	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



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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 85 4' (H242930-85)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 86 4' (H242930-86)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1960	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 87 4' (H242930-87)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 88 4' (H242930-88)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 95.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 89 4' (H242930-89)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1560	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 90 4' (H242930-90)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTEx	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3000	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



Page 93 of 101

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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: Murchison Oil & Gas																										
Address: 4024 Plains Hwy		Attn: Greg Boans																										
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista																									
Phone #: 575 393-3386	Fax #:	Project Owner: Murchison Oil & Gas	City: Carlsbad																									
Project #:	Project Name: Ogden State 5a	State: NM	Zip: 88230																									
Project Location: U/L O Sec 2 T25S - R26E	Phone #: 575 706-0667																											
Sampler Name: Bradley Wells	Fax #:																											
FOR LAB USE ONLY																												
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING																	
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	Chloride	TPH	BTEX 8021										
FL11	2'	C 1	X											5/23/24		X	X	X										
FL12	2'	C 1	X											5/23/24		X	X	X										
FL13	2'	C 1	X											5/23/24		X	X	X										
FL14	2'	C 1	X											5/23/24		X	X	X										
FL15	2'	C 1	X											5/23/24		X	X	X										
FL16	2'	C 1	X											5/23/24		X	X	X										
FL17	2'	C 1	X											5/23/24		X	X	X										
FL18	2'	C 1	X											5/23/24		X	X	X										
FL19	2'	C 1	X											5/23/24		X	X	X										
FL20	2'	C 1	X											5/23/24		X	X	X										
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Relinquished By: [Signature]	Date: 5/24/24	Received By: [Signature]	REMARKS: 48 hr RUSHI																									
Relinquished By:	Date:	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:																									
Delivered By: (Circle One) 28c	Time: 1:58p	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:																									
Sampler - UPS - Bus - Other: #140	Time:	CHECKED BY: [Signature]	Email results to: pm@hungry-horse.com gboans@jdmil.com																									

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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<small>affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is directly upon, or due to, or arises out of, the performance of such services.</small>									
Relinquished By:	Date: 5/24/24		Received By:						
Relinquished By:	Time: 1:537		<div> <div>Signature</div> <div>APR 24 2024</div> </div>						
	Date:								
	Time:								
Delivered By: (Circle One)			Sample Condition		CHECKED BY:				
Sampler - UPS - Bus - Other:	2-8c		Cool	Intact	(Initials)				
	# 140		<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes					
			<input type="checkbox"/> No	<input type="checkbox"/> No	<div>Signature</div>				
* Cardinal cannot accept verbal changes to 575-393-2476									



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC				BILL TO				ANALYSIS REQUEST			
Project Manager: Daniel Dominguez				P.O. #:							
Address: 4024 Plains Hwy				Company: Murchison Oil & Gas							
City: Lovington		State: NM		Zip: 88260		Attn: Greg Boans					
Phone #: 575 393-3386		Fax #:				Address: 5325 Sierra Vista					
Project #:		Project Owner: Murchison Oil & Gas		City: Carlsbad							
Project Name: Ogden State 5a		State: NM		Zip: 88230							
Project Location: U/L/ O Sec 2 T25S - R26E				Phone #: 575 706-0667							
Sampler Name: Bradley Wells				Fax #:							
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING			

[illegible]

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Relinquished By:	Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Phone #:
<i>S. D. Smith</i>	5/24/24		Fax Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Time:		REMARKS: 48 hr RUSH!			
	Date:	Received By:	Email results to: pm@hungry-horse.com			
	Time:		gboans@jdmil.com			
Delivered By: (Circle One)	Sample Condition		CHECKED BY: (Initials)			
Sampler - UPS - Bus - Other:	<input checked="" type="checkbox"/> Copl <input type="checkbox"/> Intact					
	<input type="checkbox"/> Yes <input type="checkbox"/> No					
	<input type="checkbox"/> Yes <input type="checkbox"/> No					

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Released to Imaging: 8/21/2024 11:38:10 AM



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Hungry Horse LLC
Project Manager: Daniel Dominguez
Address: 4024 Plains Hwy
City: Lovington State: NM Zip: 88260
Phone #: 575 393-3386 Fax #:
Project #: Project Owner: Murchison Oil & Gas
Project Name: Ogden State 5a
Project Location: UL O Sec 2 T25S - R26E
Sampler Name: Bradley Wells

P.O. #:
Company: Murchison Oil & Gas
Attn: Greg Boans
Address: 5325 Sierra Vista
City: Carlsbad
State: NM Zip: 88230
Phone #: 575 706-0667
Fax #:

FOR LAB USE ONLY
Lab I.D. Sample I.D. Depth
FL71 2' C 1 (G)RAB OR (C)OMP
FL72 2' C 1 # CONTAINERS
FL73 2' C 1 GROUNDWATER
FL74 2' C 1 WASTEWATER
FL75 2' C 1 SOIL
FL76 2' C 1 OIL
FL77 4' C 1 SLUDGE
FL78 4' C 1 OTHER :
FL79 4' C 1 ACID/BASE:
FL80 4' C 1 ICE / COOL
DATE 5/23/24
TIME 15:20
Chloride X X X X
TPH X X X X
BTEX 8021 X X X X

FOR LAB USE ONLY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						PRESERV.	SAMPLING		Chloride	TPH	BTEX 8021																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

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Relinquished By:
Date: 5/24/24
Time: 15:20
Received By:
Date:
Time:
Delivered By: (Circle One) 2.8
Sampler - UPS - Bus - Other:
Sample Condition: Cool Intact
☒ Yes ☐ No
CHECKED BY:
REMARKS: 48 hr RUSH!
Email results to: pm@hungry-horse.com
gboans@idmii.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

May 29, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 5A

Enclosed are the results of analyses for samples received by the laboratory on 05/24/24 15:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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:	05/24/2024	Sampling Date:	05/23/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ O SEC 2 T25S - R26E		

Sample ID: FL 91 4' (H242931-01)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B			mg/kg		Analyzed By: CT				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 92 4' (H242931-02)

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	05/25/2024	ND	1.84	91.8	2.00	4.18		
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26		
Total BTEX	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1410	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 93 4' (H242931-03)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 94 4' (H242931-04)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2440	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 95 4' (H242931-05)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTEx	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1250	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 104 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 96 4' (H242931-06)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 97 4' (H242931-07)

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	05/25/2024	ND	1.84	91.8	2.00	4.18		
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26		
Total BTEx	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3120	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 105 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 98 4' (H242931-08)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3360	16.0	05/29/2024	ND	400	100	400	3.92	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 99 4' (H242931-09)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTEx	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	05/29/2024	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	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 106 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 100 4' (H242931-10)

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	05/25/2024	ND	1.84	91.8	2.00	4.18	
Toluene*	<0.050	0.050	05/25/2024	ND	2.02	101	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.03	102	2.00	3.63	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.39	106	6.00	3.26	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	05/29/2024	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	05/25/2024	ND	186	93.2	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	202	101	200	0.748	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 101 4' (H242931-11)

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	05/25/2024	ND	1.71	85.6	2.00	10.8		
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3		
Total BTEX	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2920	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 102 4' (H242931-12)

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	05/25/2024	ND	1.71	85.6	2.00	10.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2920	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 103 4' (H242931-13)

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	05/25/2024	ND	1.71	85.6	2.00	10.8		
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3		
Total BTEX	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 104 4' (H242931-14)

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	05/25/2024	ND	1.71	85.6	2.00	10.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 105 4' (H242931-15)

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	05/25/2024	ND	1.71	85.6	2.00	10.8		
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3		
Total BTEX	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3160	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 106 4' (H242931-16)

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	05/25/2024	ND	1.71	85.6	2.00	10.8		
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3		
Total BTEX	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4040	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 107 4' (H242931-17)

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	05/25/2024	ND	1.71	85.6	2.00	10.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 108 4' (H242931-18)

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	05/25/2024	ND	1.71	85.6	2.00	10.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 109 4' (H242931-19)

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	05/25/2024	ND	1.71	85.6	2.00	10.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3160	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 110 4' (H242931-20)

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	05/25/2024	ND	1.71	85.6	2.00	10.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 111 4' (H242931-21)

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	05/25/2024	ND	1.71	85.6	2.00	10.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 112 4' (H242931-22)

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	05/25/2024	ND	1.71	85.6	2.00	10.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 113 4' (H242931-23)

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	05/25/2024	ND	1.71	85.6	2.00	10.8		
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3		
Total BTEX	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 114 4' (H242931-24)

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	05/25/2024	ND	1.71	85.6	2.00	10.8		
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3		
Total BTEX	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 115 4' (H242931-25)

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	05/25/2024	ND	1.71	85.6	2.00	10.8		
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3		
Total BTEX	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4720	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 116 4' (H242931-26)

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	05/25/2024	ND	1.71	85.6	2.00	10.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 117 4' (H242931-27)

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	05/25/2024	ND	1.71	85.6	2.00	10.8		
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3		
Total BTEX	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	05/29/2024	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	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 118 4' (H242931-28)

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	05/25/2024	ND	1.71	85.6	2.00	10.8		
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3		
Total BTEX	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4800	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 119 4' (H242931-29)

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	05/25/2024	ND	1.71	85.6	2.00	10.8		
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3		
Total BTEX	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4960	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 120 4' (H242931-30)

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	05/25/2024	ND	1.71	85.6	2.00	10.8	
Toluene*	<0.050	0.050	05/25/2024	ND	1.80	90.1	2.00	13.7	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	1.73	86.5	2.00	17.2	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	5.49	91.4	6.00	16.3	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	192	96.0	200	0.768	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	193	96.4	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 121 4' (H242931-31)

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	05/25/2024	ND	2.07	104	2.00	11.2		
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95		
Total BTEX	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2040	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 122 4' (H242931-32)

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	05/25/2024	ND	2.07	104	2.00	11.2		
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95		
Total BTEX	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1960	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 123 4' (H242931-33)

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	05/25/2024	ND	2.07	104	2.00	11.2	
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 124 4' (H242931-34)

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	05/25/2024	ND	2.07	104	2.00	11.2		
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95		
Total BTEx	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2040	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 125 4' (H242931-35)

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	05/25/2024	ND	2.07	104	2.00	11.2		
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95		
Total BTEx	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 126 4' (H242931-36)

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	05/25/2024	ND	2.07	104	2.00	11.2	
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 127 4' (H242931-37)

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	05/25/2024	ND	2.07	104	2.00	11.2	
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 128 4' (H242931-38)

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	05/25/2024	ND	2.07	104	2.00	11.2		
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95		
Total BTEX	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1880	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 129 4' (H242931-39)

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	05/25/2024	ND	2.07	104	2.00	11.2	
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 130 4' (H242931-40)

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	05/25/2024	ND	2.07	104	2.00	11.2	
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2080	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 131 4' (H242931-41)

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	05/25/2024	ND	2.07	104	2.00	11.2	
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 132 4' (H242931-42)

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	05/25/2024	ND	2.07	104	2.00	11.2	
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 133 4' (H242931-43)

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	05/25/2024	ND	2.07	104	2.00	11.2		
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95		
Total BTX	<0.300	0.300	05/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 134 4' (H242931-44)

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	05/25/2024	ND	2.07	104	2.00	11.2	
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 135 4' (H242931-45)

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	05/25/2024	ND	2.07	104	2.00	11.2		
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4		
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90		
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95		
Total BTEx	<0.300	0.300	05/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2040	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 136 4' (H242931-46)

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	05/25/2024	ND	2.07	104	2.00	11.2	
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1720	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 137 4' (H242931-47)

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	05/25/2024	ND	2.07	104	2.00	11.2	
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 138 6' (H242931-48)

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	05/25/2024	ND	2.07	104	2.00	11.2	
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95	
Total BTEX	<0.300	0.300	05/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1560	16.0	05/29/2024	ND	432	108	400	3.64	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 139 6' (H242931-49)

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	05/25/2024	ND	2.07	104	2.00	11.2	
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1970	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 140 6' (H242931-50)

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	05/25/2024	ND	2.07	104	2.00	11.2	
Toluene*	<0.050	0.050	05/25/2024	ND	2.21	110	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/25/2024	ND	2.19	110	2.00	9.90	
Total Xylenes*	<0.150	0.150	05/25/2024	ND	6.83	114	6.00	8.95	
Total BTEX	<0.300	0.300	05/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2160	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	190	94.9	200	1.51	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	200	100	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 141 6' (H242931-51)

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	05/28/2024	ND	1.84	92.0	2.00	3.76	
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 142 6' (H242931-52)

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	05/28/2024	ND	1.84	92.0	2.00	3.76	
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 143 6' (H242931-53)

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	05/28/2024	ND	1.84	92.0	2.00	3.76		
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71		
Total BTX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1880	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 144 6' (H242931-54)

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	05/28/2024	ND	1.84	92.0	2.00	3.76		
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71		
Total BTEX	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2160	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 87.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 145 6' (H242931-55)

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	05/28/2024	ND	1.84	92.0	2.00	3.76	
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 146 6' (H242931-56)

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	05/28/2024	ND	1.84	92.0	2.00	3.76		
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 147 6' (H242931-57)

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	05/28/2024	ND	1.84	92.0	2.00	3.76		
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 148 6' (H242931-58)

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	05/28/2024	ND	1.84	92.0	2.00	3.76	
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 149 6' (H242931-59)

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	05/28/2024	ND	1.84	92.0	2.00	3.76		
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1680	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 150 6' (H242931-60)

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	05/28/2024	ND	1.84	92.0	2.00	3.76		
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 151 6' (H242931-61)

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	05/28/2024	ND	1.84	92.0	2.00	3.76		
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 68.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 152 6' (H242931-62)

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	05/28/2024	ND	1.84	92.0	2.00	3.76		
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71		
Total BTEx	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1500	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 153 6' (H242931-63)

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	05/28/2024	ND	1.84	92.0	2.00	3.76		
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3680	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 154 6' (H242931-64)

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	05/28/2024	ND	1.84	92.0	2.00	3.76		
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2960	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 155 6' (H242931-65)

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	05/28/2024	ND	1.84	92.0	2.00	3.76		
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 156 4' (H242931-66)

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	05/28/2024	ND	1.84	92.0	2.00	3.76		
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71		
Total BTEX	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1840	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 157 4' (H242931-67)

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	05/28/2024	ND	1.84	92.0	2.00	3.76		
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1650	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 158 6' (H242931-68)

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	05/28/2024	ND	1.84	92.0	2.00	3.76	
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1300	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 159 6' (H242931-69)

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	05/28/2024	ND	1.84	92.0	2.00	3.76	
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	05/29/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 160 6' (H242931-70)

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	05/28/2024	ND	1.84	92.0	2.00	3.76		
Toluene*	<0.050	0.050	05/28/2024	ND	1.96	97.9	2.00	6.36		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	6.48		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.96	99.3	6.00	5.71		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1800	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	194	97.1	200	3.14	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	186	93.1	200	0.146	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 161 6' (H242931-71)

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	05/28/2024	ND	1.61	80.5	2.00	2.15	
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2040	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 162 6' (H242931-72)

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	05/28/2024	ND	1.61	80.5	2.00	2.15	
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	05/29/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 163 4' (H242931-73)

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	05/28/2024	ND	1.61	80.5	2.00	2.15		
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1340	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 164 4' (H242931-74)**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	05/28/2024	ND	1.61	80.5	2.00	2.15	
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500CI-B**mg/kg****Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	05/29/2024	ND	416	104	400	7.41	

TPH 8015M**mg/kg****Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 165 4' (H242931-75)

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	05/28/2024	ND	1.61	80.5	2.00	2.15	
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	05/29/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 166 4' (H242931-76)

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	05/28/2024	ND	1.61	80.5	2.00	2.15		
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1420	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 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
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 167 6' (H242931-77)

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	05/28/2024	ND	1.61	80.5	2.00	2.15	
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 168 6' (H242931-78)

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	05/28/2024	ND	1.61	80.5	2.00	2.15		
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	05/29/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 169 6' (H242931-79)

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	05/28/2024	ND	1.61	80.5	2.00	2.15		
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1170	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 170 6' (H242931-80)

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	05/28/2024	ND	1.61	80.5	2.00	2.15	
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	05/29/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 171 6' (H242931-81)

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	05/28/2024	ND	1.61	80.5	2.00	2.15		
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	05/29/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 172 4' (H242931-82)

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	05/28/2024	ND	1.61	80.5	2.00	2.15		
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10		
Total BTEX	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1420	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 173 4' (H242931-83)

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	05/28/2024	ND	1.61	80.5	2.00	2.15		
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1380	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 174 4' (H242931-84)

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	05/28/2024	ND	1.61	80.5	2.00	2.15	
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	05/29/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/25/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/25/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 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
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 175 4' (H242931-85)

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	05/28/2024	ND	1.61	80.5	2.00	2.15		
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	05/29/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 176 4' (H242931-86)

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	05/28/2024	ND	1.61	80.5	2.00	2.15	
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	05/29/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 177 6' (H242931-87)

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	05/28/2024	ND	1.61	80.5	2.00	2.15		
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1420	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 85.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 178 6' (H242931-88)

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	05/28/2024	ND	1.61	80.5	2.00	2.15	
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	05/29/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 179 6' (H242931-89)

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	05/28/2024	ND	1.61	80.5	2.00	2.15	
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	05/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 70.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 180 6' (H242931-90)

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	05/28/2024	ND	1.61	80.5	2.00	2.15	
Toluene*	<0.050	0.050	05/28/2024	ND	1.74	87.0	2.00	1.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.79	89.7	2.00	0.720	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	1.10	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	05/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2024	ND	185	92.6	200	0.0745	
DRO >C10-C28*	<10.0	10.0	05/26/2024	ND	174	86.9	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	05/26/2024	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:		Hungry Horse LLC		BILL TO		ANALYSIS REQUEST	
Project Manager:		Daniel Dominguez					
Address:		4024 Plains Hwy		P.O. #:			
				Company:		Murchison Oil & Gas	
City:	Lovington	State:	NM	Zip:	88260	Attn:	Greg Boans
Phone #:	575 393-3386	Fax #:		Address:		5325 Sierra Vista	
Project #:		Project Owner:		Murchison Oil & Gas		City:	Carlsbad
Project Name:	Ogden State 5a			State:	NM	Zip:	88230
Project Location:	UL/ O Sec 2 T25S - R26E			Phone #:		575 706-0667	
Sampler Name:	Bradley Wells			Fax #:			

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[illegible]

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Relinquished By: <u>S. D. Smith</u>		Date: <u>5/24/24</u>		Received By: <u>ADAM</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By:		Time: <u>1530</u>		Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
Date:		Time:		Received By:		REMARKS: 48 hr RUSH!	
Delivered By: (Circle One) <u>2.8c</u>		Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <u>AD</u>		Email results to: <u>pm@hungry-horse.com</u> <u>gboans@jdmil.com</u>	
Sampler - UPS - Bus - Other: <u>140</u>							

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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ANALYSIS REQUEST

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Hungry Horse LLC	BILL TO		ANALYSIS REQUEST											
Project Manager:	Daniel Dominguez	P.O. #:													
Address:	4024 Plains Hwy	Company:	Murchison Oil & Gas												
City:	Lovington	State:	NM	Zip:	88260	Attn:	Greg Boans								
Phone #:	575 393-3386	Fax #:		Address:	5325 Sierra Vista										
Project #:		Project Owner:	Murchison Oil & Gas	City:	Carlsbad	State:	NM	Zip:	86230						
Project Name:	Ogden State 5a	State:	NM	Phone #:	575 706-0667										
Project Location:	UL/ O Sec 2 T2S5 - R26E	Fax #:													
Sampler Name:	Bradley Wells														

FOR LAB USE ONLY		LAB I.D.		Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX 8021											
		71		FL161		6'		C		1		X		X		X		X		X		X		X		X		X		5/23/24				X		X		X											
		72		FL162		6'		C		1		X		X		X		X		X		X		X		X		X		5/23/24				X		X		X											
		73		FL163		4'		C		1		X		X		X		X		X		X		X		X		X		5/23/24				X		X		X											
		74		FL164		4'		C		1		X		X		X		X		X		X		X		X		X		5/23/24				X		X		X											
		75		FL165		4'		C		1		X		X		X		X		X		X		X		X		X		5/23/24				X		X		X											
		76		FL166		4'		C		1		X		X		X		X		X		X		X		X		X		5/23/24				X		X		X											
		77		FL167		6'		C		1		X		X		X		X		X		X		X		X		X		5/23/24				X		X		X											
		78		FL168		6'		C		1		X		X		X		X		X		X		X		X		X		5/23/24				X		X		X											
		79		FL169		6'		C		1		X		X		X		X		X		X		X		X		X		5/23/24				X		X		X											
		80		FL170		6'		C		1		X		X		X		X		X		X		X		X		X		5/23/24				X		X		X											

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Relinquished By:	Date:	5/24/24	Received By:		Phone Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:	
Relinquished By:	Date:	5/24/24	Received By:		Fax Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:	
Relinquished By:	Date:	5/24/24	Received By:		REMARKS:	48 hr RUSH!		
Relinquished By:	Date:	5/24/24	Received By:		Email results to:	pm@hungry-horse.com		
Relinquished By:	Date:	5/24/24	Received By:			gboans@jdmii.com		

Delivered By: (Circle One)	2-8-c	Sample Condition	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	CHECKED BY: (Initials)	PP
Sampler - UPS - Bus - Other:	#140	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

May 29, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 5A

Enclosed are the results of analyses for samples received by the laboratory on 05/24/24 15:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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:	05/24/2024	Sampling Date:	05/23/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Alyssa Parras
Project Location:	UL/ O SEC 2 T25S - R26E		

Sample ID: FL 181 6' (H242932-01)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	05/29/2024	ND	432	108	400	7.14	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 78.1 % 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
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 182 4' (H242932-02)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1580	16.0	05/29/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 72.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 183 4' (H242932-03)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	05/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 184 4' (H242932-04)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1410	16.0	05/29/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 72.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 185 4' (H242932-05)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1490	16.0	05/29/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 186 4' (H242932-06)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	05/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 187 4' (H242932-07)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEx	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1250	16.0	05/29/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 67.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 188 4' (H242932-08)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1800	16.0	05/29/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 189 15' (H242932-09)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEx	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1440	16.0	05/29/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 190 15' (H242932-10)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	944	16.0	05/29/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 191 15' (H242932-11)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEx	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1410	16.0	05/29/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 67.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 192 15' (H242932-12)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEx	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1380	16.0	05/29/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 72.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 193 15' (H242932-13)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1220	16.0	05/29/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 194 4' (H242932-14)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	05/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 195 4' (H242932-15)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEx	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 69.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 196 4' (H242932-16)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 197 4' (H242932-17)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 198 4' (H242932-18)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 199 4' (H242932-19)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 200 4' (H242932-20)

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	05/28/2024	ND	1.78	89.0	2.00	10.3	
Toluene*	<0.050	0.050	05/28/2024	ND	2.17	108	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.30	115	2.00	11.9	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	7.20	120	6.00	12.0	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1340	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.2	200	2.70	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	182	90.8	200	3.25	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 201 4' (H242932-21)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 202 4' (H242932-22)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 203 4' (H242932-23)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 204 4' (H242932-24)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 205 4' (H242932-25)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTEx	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 206 4' (H242932-26)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 207 4' (H242932-27)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 208 4' (H242932-28)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 209 4' (H242932-29)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 210 4' (H242932-30)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 71.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 211 4' (H242932-31)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 212 4' (H242932-32)

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	05/28/2024	ND	1.59	79.6	2.00	13.6		
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11		
Total BTEx	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 213 4' (H242932-33)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 72.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 214 15' (H242932-34)

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	05/28/2024	ND	1.59	79.6	2.00	13.6		
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11		
Total BTEx	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 64.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 215 15' (H242932-35)

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	05/28/2024	ND	1.59	79.6	2.00	13.6		
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11		
Total BTEx	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 216 15' (H242932-36)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 70.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 217 15' (H242932-37)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTEx	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 218 15' (H242932-38)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 70.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 219 15' (H242932-39)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 67.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 220 4' (H242932-40)

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	05/28/2024	ND	1.59	79.6	2.00	13.6	
Toluene*	<0.050	0.050	05/28/2024	ND	1.87	93.7	2.00	1.17	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.99	99.6	2.00	8.34	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.30	105	6.00	9.11	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	239	119	200	2.60	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	231	115	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 69.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 221 4' (H242932-41)

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	05/28/2024	ND	1.68	84.0	2.00	13.1	
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2	
Total BTEx	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 55.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 49.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 222 4' (H242932-42)

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	05/28/2024	ND	1.68	84.0	2.00	13.1		
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2		
Total BTEx	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 61.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 223 15' (H242932-43)

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	05/28/2024	ND	1.68	84.0	2.00	13.1		
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2		
Total BTEx	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/29/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 63.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 224 15' (H242932-44)

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	05/28/2024	ND	1.68	84.0	2.00	13.1		
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2		
Total BTEx	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 59.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 53.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 225 15' (H242932-45)

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	05/28/2024	ND	1.68	84.0	2.00	13.1	
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 226 15' (H242932-46)

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	05/28/2024	ND	1.68	84.0	2.00	13.1	
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2	
Total BTEx	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 61.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 227 15' (H242932-47)

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	05/28/2024	ND	1.68	84.0	2.00	13.1		
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2		
Total BTEx	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/29/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 64.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 228 15' (H242932-48)

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	05/28/2024	ND	1.68	84.0	2.00	13.1	
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/29/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 64.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 229 4' (H242932-49)

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	05/28/2024	ND	1.68	84.0	2.00	13.1	
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2	
Total BTEx	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 64.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 230 4' (H242932-50)

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	05/28/2024	ND	1.68	84.0	2.00	13.1	
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 62.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 231 4' (H242932-51)

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	05/28/2024	ND	1.68	84.0	2.00	13.1		
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2		
Total BTEx	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 68.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 232 15' (H242932-52)

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	05/28/2024	ND	1.68	84.0	2.00	13.1		
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2		
Total BTEx	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/29/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 72.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 233 15' (H242932-53)

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	05/28/2024	ND	1.68	84.0	2.00	13.1		
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2		
Total BTEx	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/29/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 66.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 234 15' (H242932-54)

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	05/28/2024	ND	1.68	84.0	2.00	13.1		
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2		
Total BTEx	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 235 15' (H242932-55)

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	05/28/2024	ND	1.68	84.0	2.00	13.1	
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2	
Total BTX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/29/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 236 15' (H242932-56)

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	05/28/2024	ND	1.68	84.0	2.00	13.1		
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2		
Total BTEx	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 237 15' (H242932-57)

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	05/28/2024	ND	1.68	84.0	2.00	13.1		
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2		
Total BTEx	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 238 4' (H242932-58)

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	05/28/2024	ND	1.68	84.0	2.00	13.1	
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 239 4' (H242932-59)

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	05/28/2024	ND	1.68	84.0	2.00	13.1	
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/29/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 54.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 49.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 240 4' (H242932-60)

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	05/28/2024	ND	1.68	84.0	2.00	13.1	
Toluene*	<0.050	0.050	05/28/2024	ND	1.89	94.6	2.00	1.22	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.07	104	2.00	9.51	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.06	101	6.00	10.2	
Total BTX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/29/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	192	96.0	200	1.53	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	197	98.5	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 65.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 241 15' (H242932-61)

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	05/28/2024	ND	1.99	99.7	2.00	1.57	
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13	
Total BTX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/29/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 242 15' (H242932-62)

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	05/28/2024	ND	1.99	99.7	2.00	1.57		
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13		
Total BTEx	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/29/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 243 15' (H242932-63)

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	05/28/2024	ND	1.99	99.7	2.00	1.57	
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13	
Total BTX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/29/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 244 15' (H242932-64)

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	05/28/2024	ND	1.99	99.7	2.00	1.57	
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13	
Total BTEx	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/29/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 70.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 245 15' (H242932-65)**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	05/28/2024	ND	1.99	99.7	2.00	1.57	
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500CI-B**mg/kg****Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/29/2024	ND	400	100	400	7.69	

TPH 8015M**mg/kg****Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 71.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 246 15' (H242932-66)

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	05/28/2024	ND	1.99	99.7	2.00	1.57		
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13		
Total BTX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/29/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 247 4' (H242932-67)

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	05/28/2024	ND	1.99	99.7	2.00	1.57		
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13		
Total BTEx	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 248 4' (H242932-68)

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	05/28/2024	ND	1.99	99.7	2.00	1.57	
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 249 4' (H242932-69)

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	05/28/2024	ND	1.99	99.7	2.00	1.57	
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13	
Total BTX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/29/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 64.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 250 15' (H242932-70)

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	05/28/2024	ND	1.99	99.7	2.00	1.57		
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 251 15' (H242932-71)

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	05/28/2024	ND	1.99	99.7	2.00	1.57	
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13	
Total BTEx	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 252 15' (H242932-72)

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	05/28/2024	ND	1.99	99.7	2.00	1.57	
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13	
Total BTX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 253 15' (H242932-73)

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	05/28/2024	ND	1.99	99.7	2.00	1.57	
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13	
Total BTEx	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 254 15' (H242932-74)

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	05/28/2024	ND	1.99	99.7	2.00	1.57		
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13		
Total BTX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/29/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 255 4' (H242932-75)

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	05/28/2024	ND	1.99	99.7	2.00	1.57		
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13		
Total BTEX	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/29/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 71.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 256 4' (H242932-76)

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	05/28/2024	ND	1.99	99.7	2.00	1.57	
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13	
Total BTX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 257 4' (H242932-77)

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	05/28/2024	ND	1.99	99.7	2.00	1.57	
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13	
Total BTX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/29/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 258 15' (H242932-78)

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	05/28/2024	ND	1.99	99.7	2.00	1.57		
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13		
Total BTEx	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 259 15' (H242932-79)

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	05/28/2024	ND	1.99	99.7	2.00	1.57	
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13	
Total BTEx	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 66.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 260 15' (H242932-80)

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	05/28/2024	ND	1.99	99.7	2.00	1.57		
Toluene*	<0.050	0.050	05/28/2024	ND	2.00	99.8	2.00	3.86		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.01	100	2.00	3.56		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.03	100	6.00	3.13		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	193	96.6	200	0.0730	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	198	98.8	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 60.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 261 15' (H242932-81)

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	05/28/2024	ND	1.96	98.2	2.00	2.52		
Toluene*	<0.050	0.050	05/28/2024	ND	1.85	92.4	2.00	3.68		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.83	91.4	2.00	4.47		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.33	88.9	6.00	4.50		
Total BTEx	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	207	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	191	95.5	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 262 4' (H242932-82)

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	05/28/2024	ND	1.96	98.2	2.00	2.52		
Toluene*	<0.050	0.050	05/28/2024	ND	1.85	92.4	2.00	3.68		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.83	91.4	2.00	4.47		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.33	88.9	6.00	4.50		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	207	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	191	95.5	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 70.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 263 4' (H242932-83)

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	05/28/2024	ND	1.96	98.2	2.00	2.52	
Toluene*	<0.050	0.050	05/28/2024	ND	1.85	92.4	2.00	3.68	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.83	91.4	2.00	4.47	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.33	88.9	6.00	4.50	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	207	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	191	95.5	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 264 4' (H242932-84)

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	05/28/2024	ND	1.96	98.2	2.00	2.52	
Toluene*	<0.050	0.050	05/28/2024	ND	1.85	92.4	2.00	3.68	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.83	91.4	2.00	4.47	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.33	88.9	6.00	4.50	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	207	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	191	95.5	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FL 265 15' (H242932-85)

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	05/28/2024	ND	1.96	98.2	2.00	2.52		
Toluene*	<0.050	0.050	05/28/2024	ND	1.85	92.4	2.00	3.68		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.83	91.4	2.00	4.47		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.33	88.9	6.00	4.50		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	207	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	191	95.5	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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

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: Murchison Oil & Gas																																															
Address: 4024 Plains Hwy		Attn: Greg Boans																																															
City: Lovington		State: NM		Zip: 88260																																													
Phone #: 575 393-3386		Fax #:		Address: 5325 Sierra Vista																																													
Project #:		Project Owner: Murchison Oil & Gas		City: Carlsbad																																													
Project Name: Ogden State 5a		State: NM		Zip: 88230																																													
Project Location: UL/ O Sec 2 T25S - R26E		Phone #: 575 706-0667		Fax #:																																													
Sampler Name: Bradley Wells		FOR LAB USE ONLY		PRESERV.		SAMPLING																																											
Lab I.D.		Sample I.D.		Depth		(G)RAB OR (C)OMP		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX 8021													
FL181		6'		C		1		X		X		X		X		X		X		X		X		X		X		5/23/24		X		X		X															
FL182		4'		C		1		X		X		X		X		X		X		X		X		X		X		5/23/24		X		X		X															
FL183		4'		C		1		X		X		X		X		X		X		X		X		X		X		5/23/24		X		X		X															
FL184		4'		C		1		X		X		X		X		X		X		X		X		X		X		5/23/24		X		X		X															
FL185		4'		C		1		X		X		X		X		X		X		X		X		X		X		5/23/24		X		X		X															
FL186		4'		C		1		X		X		X		X		X		X		X		X		X		X		5/23/24		X		X		X															
FL187		4'		C		1		X		X		X		X		X		X		X		X		X		X		5/23/24		X		X		X															
FL188		4'		C		1		X		X		X		X		X		X		X		X		X		X		5/23/24		X		X		X															
FL189		15'		C		1		X		X		X		X		X		X		X		X		X		X		5/23/24		X		X		X															
FL190		15'		C		1		X		X		X		X		X		X		X		X		X		X		5/23/24		X		X		X															
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Relinquished By: [Signature]		Date: 5/24/24		Time: 1:58 PM		Received By: [Signature]		Date: 5/23/24		Time: 5:23 PM		Phone Result: [] Yes [] No		Fax Result: [] Yes [] No		Add'l Phone #: []		Add'l Fax #: []		REMARKS: 48 hr RUSHI																													
Delivered By: (Circle One) 2-8c		Sample Condition		Cool		Intact		CHECKED BY: (Initials)		gboans@jdmii.com		Email results to: pm@hungry-horse.com																																					
Sampler - UPS - Bus - Other: #140		Cool		Intact		Yes		No		Yes		No																																					

* 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

[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		Company: Murchison Oil & Gas																					
Address: 4024 Plains Hwy		Attn: Greg Boans																					
City: Lovington		Address: 5325 Sierra Vista																					
Phone #: 575 393-3386		City: Carlsbad																					
Fax #:		State: NM																					
Project #:		Zip: 88230																					
Project Name: Ogden State 5a		Project Owner: Murchison Oil & Gas																					
Project Location: U/L O Sec 2 T25S - R26E		State: NM																					
Phone #: 575 706-0667		Zip: 88230																					
Fax #:		Project #:																					
Sampler Name: Bradley Wells		Matrix:																					
FOR LAB USE ONLY		PRESERV.																					
Lab I.D. Sample I.D. Depth		DATE																					
H247937		TIME																					
21		Chloride																					
FL201		TPH																					
22		BTEX 8021																					
FL202																							
23																							
FL203																							
24																							
FL204																							
25																							
FL205																							
26																							
FL206																							
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FL207																							
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FL208																							
29																							
FL209																							
30																							
FL210																							
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Relinquished By:		Phone Result:																					
Date: 5/24/24		Fax Result:																					
Time: 1:30		Yes Yes No No																					
Received By:		Add'l Phone #:																					
Date:		Add'l Fax #:																					
Time:																							
Delivered By: (Circle One) 2.8c		Sample Condition:																					
Sampler - UPS - Bus - Other: #140		Cool Intact:																					
		Yes Yes No No																					
		Checked By: (Initials) AP																					
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476		REMARKS: 48 hr RUSH!																					
		Email results to: pm@hungry-horse.com																					
		gboans@idmii.com																					



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name:						Hungry Horse LLC
Project Manager:						Daniel Dominguez
Address:						4024 Plains Hwy
City:		Lovington	State:		NM	
Phone #:		575-393-3386	Fax #:			
Project #:			Project Owner:		Murchison Oil & Gas	
Project Location:		Ogden State 5a	State:		NM	
		UL/O Sec 2 T2S - R26E	Zip:		88230	
Sample Name:		Bradley Wells	Phone #:		575-706-0667	
			Fax #:			
FOR LAB USE ONLY						
Lab I.D.		Sample I.D.	Depth		(G)RAB OR (C)OMP	
H24708Z					# CONTAINERS	
L01		FL241	15'	C	1	
L02		FL242	15'	C	1	
L03		FL243	15'	C	1	
L04		FL244	15'	C	1	
L05		FL245	15'	C	1	
L06		FL246	15'	C	1	
L07		FL247	4'	C	1	
L08		FL248	4'	C	1	
L09		FL249	4'	C	1	
T0		FL250	15'	C	1	
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Relinquished By:		Date:	5/24/24	Received By:		
Signature		Time:	1530	Signature		
Date:				Date:		
Delivered By: (Circle One)		Z.S.C.	CHECKED BY: (Initials)			
Sampler - UPS - Bus - Other:		# JLD	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476			No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>			



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Page 95 of 96



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: Murchison Oil & Gas																	
Address: 4024 Plains Hwy		Attn: Greg Boans																	
City: Lovington	State: NM	Zip: 88260																	
Phone #: 575 393-3386	Fax #:	Address: 5325 Sierra Vista																	
Project #:	Project Owner: Murchison Oil & Gas	City: Carlsbad																	
Project Name: Ogden State 5a	State: NM	Zip: 88230																	
Project Location: UL O Sec 2 T25S - R26E	Phone #: 575 706-0667																		
Sampler Name: Bradley Wells	Fax #:																		
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX 8021					
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :						
H247932	FL261	15'	C 1	X										5/23/24	X	X	X		
	FL262	4'	C 1	X										5/23/24	X	X	X		
	FL263	4'	C 1	X										5/23/24	X	X	X		
	FL264	4'	C 1	X										5/23/24	X	X	X		
	FL265	15'	C 1	X										5/23/24	X	X	X		
AP 85	AP 86	5/24/24																	
AP 87	AP 88	5/24/24																	
AP 89	AP 90	5/24/24																	
AP 91	AP 92	5/24/24																	
AP 93	AP 94	5/24/24																	
AP 95	AP 96	5/24/24																	
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Relinquished By: [Signature]		Date: 5/24/24	Received By: [Signature]																
Relinquished By: [Signature]		Date: [Signature]	Received By: [Signature]																
Delivered By: (Circle One) 2.8.c		Sample Condition		CHECKED BY: (Initials)															
Sampler - UPS - Bus - Other: #140		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>															
† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																			



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

May 29, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 5A

Enclosed are the results of analyses for samples received by the laboratory on 05/24/24 15:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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:	05/24/2024	Sampling Date:	05/23/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Alyssa Parras
Project Location:	UL/ O SEC 2 T25S - R26E		

Sample ID: SW 1 (H242933-01)

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	05/28/2024	ND	1.96	98.2	2.00	2.52	
Toluene*	<0.050	0.050	05/28/2024	ND	1.85	92.4	2.00	3.68	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.83	91.4	2.00	4.47	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.33	88.9	6.00	4.50	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 2 (H242933-02)

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	05/28/2024	ND	1.96	98.2	2.00	2.52		
Toluene*	<0.050	0.050	05/28/2024	ND	1.85	92.4	2.00	3.68		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.83	91.4	2.00	4.47		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.33	88.9	6.00	4.50		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 3 (H242933-03)

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	05/28/2024	ND	1.96	98.2	2.00	2.52		
Toluene*	<0.050	0.050	05/28/2024	ND	1.85	92.4	2.00	3.68		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.83	91.4	2.00	4.47		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.33	88.9	6.00	4.50		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 4 (H242933-04)

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	05/28/2024	ND	1.96	98.2	2.00	2.52		
Toluene*	<0.050	0.050	05/28/2024	ND	1.85	92.4	2.00	3.68		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.83	91.4	2.00	4.47		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.33	88.9	6.00	4.50		
Total BTEX	<0.300	0.300	05/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 5 (H242933-05)

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	05/28/2024	ND	1.96	98.2	2.00	2.52		
Toluene*	<0.050	0.050	05/28/2024	ND	1.85	92.4	2.00	3.68		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.83	91.4	2.00	4.47		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.33	88.9	6.00	4.50		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 6 (H242933-06)

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	05/28/2024	ND	1.96	98.2	2.00	2.52		
Toluene*	<0.050	0.050	05/28/2024	ND	1.85	92.4	2.00	3.68		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.83	91.4	2.00	4.47		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.33	88.9	6.00	4.50		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 7 (H242933-07)

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	05/28/2024	ND	1.96	98.2	2.00	2.52		
Toluene*	<0.050	0.050	05/28/2024	ND	1.85	92.4	2.00	3.68		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.83	91.4	2.00	4.47		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.33	88.9	6.00	4.50		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 8 (H242933-08)

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	05/28/2024	ND	1.96	98.2	2.00	2.52	
Toluene*	<0.050	0.050	05/28/2024	ND	1.85	92.4	2.00	3.68	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.83	91.4	2.00	4.47	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.33	88.9	6.00	4.50	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 9 (H242933-09)

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	05/28/2024	ND	1.96	98.2	2.00	2.52	
Toluene*	<0.050	0.050	05/28/2024	ND	1.85	92.4	2.00	3.68	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.83	91.4	2.00	4.47	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.33	88.9	6.00	4.50	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 10 (H242933-10)

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	05/29/2024	ND	1.96	98.2	2.00	2.52		
Toluene*	<0.050	0.050	05/29/2024	ND	1.85	92.4	2.00	3.68		
Ethylbenzene*	<0.050	0.050	05/29/2024	ND	1.83	91.4	2.00	4.47		
Total Xylenes*	<0.150	0.150	05/29/2024	ND	5.33	88.9	6.00	4.50		
Total BTEX	<0.300	0.300	05/29/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 11 (H242933-11)

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	05/29/2024	ND	1.96	98.2	2.00	2.52		
Toluene*	<0.050	0.050	05/29/2024	ND	1.85	92.4	2.00	3.68		
Ethylbenzene*	<0.050	0.050	05/29/2024	ND	1.83	91.4	2.00	4.47		
Total Xylenes*	<0.150	0.150	05/29/2024	ND	5.33	88.9	6.00	4.50		
Total BTEX	<0.300	0.300	05/29/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/29/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 12 (H242933-12)

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	05/29/2024	ND	1.96	98.2	2.00	2.52	
Toluene*	<0.050	0.050	05/29/2024	ND	1.85	92.4	2.00	3.68	
Ethylbenzene*	<0.050	0.050	05/29/2024	ND	1.83	91.4	2.00	4.47	
Total Xylenes*	<0.150	0.150	05/29/2024	ND	5.33	88.9	6.00	4.50	
Total BTEX	<0.300	0.300	05/29/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	05/29/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 13 (H242933-13)

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	05/29/2024	ND	1.96	98.2	2.00	2.52		
Toluene*	<0.050	0.050	05/29/2024	ND	1.85	92.4	2.00	3.68		
Ethylbenzene*	<0.050	0.050	05/29/2024	ND	1.83	91.4	2.00	4.47		
Total Xylenes*	<0.150	0.150	05/29/2024	ND	5.33	88.9	6.00	4.50		
Total BTEX	<0.300	0.300	05/29/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/29/2024	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	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 14 (H242933-14)

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	05/29/2024	ND	1.96	98.2	2.00	2.52		
Toluene*	<0.050	0.050	05/29/2024	ND	1.85	92.4	2.00	3.68		
Ethylbenzene*	<0.050	0.050	05/29/2024	ND	1.83	91.4	2.00	4.47		
Total Xylenes*	<0.150	0.150	05/29/2024	ND	5.33	88.9	6.00	4.50		
Total BTEX	<0.300	0.300	05/29/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	05/29/2024	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	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 15 (H242933-15)

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	05/29/2024	ND	1.96	98.2	2.00	2.52		
Toluene*	<0.050	0.050	05/29/2024	ND	1.85	92.4	2.00	3.68		
Ethylbenzene*	<0.050	0.050	05/29/2024	ND	1.83	91.4	2.00	4.47		
Total Xylenes*	<0.150	0.150	05/29/2024	ND	5.33	88.9	6.00	4.50		
Total BTEX	<0.300	0.300	05/29/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/29/2024	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	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 16 (H242933-16)

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	05/28/2024	ND	2.10	105	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53	
Total BTEx	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	05/29/2024	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	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 91.0 % 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
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 17 (H242933-17)

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	05/28/2024	ND	2.10	105	2.00	1.22		
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	05/29/2024	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	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 18 (H242933-18)

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	05/28/2024	ND	2.10	105	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53	
Total BTEx	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	05/29/2024	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	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 19 (H242933-19)

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	05/28/2024	ND	2.10	105	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/29/2024	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	05/28/2024	ND	202	101	200	0.278	
DRO >C10-C28*	110	10.0	05/28/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	48.1	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 20 (H242933-20)

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	05/28/2024	ND	2.10	105	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53	
Total BTEx	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	05/29/2024	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	05/29/2024	ND	202	101	200	0.278	
DRO >C10-C28*	147	10.0	05/29/2024	ND	218	109	200	0.473	
EXT DRO >C28-C36	58.9	10.0	05/29/2024	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 21 (H242933-21)

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	05/28/2024	ND	2.10	105	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/29/2024	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	05/28/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	10.4	10.0	05/28/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 55.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 22 (H242933-22)

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	05/28/2024	ND	2.10	105	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/29/2024	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	05/28/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	51.7	10.0	05/28/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	12.9	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 60.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 23 (H242933-23)

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	05/28/2024	ND	2.10	105	2.00	1.22		
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/29/2024	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	05/28/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	32.7	10.0	05/28/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 67.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.4 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 24 (H242933-24)

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	05/28/2024	ND	2.10	105	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/29/2024	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	05/28/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	25.5	10.0	05/28/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 72.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 25 (H242933-25)

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	05/28/2024	ND	2.10	105	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	05/29/2024	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	05/28/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 26 (H242933-26)

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	05/28/2024	ND	2.10	105	2.00	1.22		
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	05/29/2024	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	05/28/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 27 (H242933-27)

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	05/28/2024	ND	2.10	105	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53	
Total BTEx	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	05/29/2024	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	05/28/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 28 (H242933-28)

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	05/28/2024	ND	2.10	105	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/29/2024	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	05/28/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	15.1	10.0	05/28/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 29 (H242933-29)

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	05/28/2024	ND	2.10	105	2.00	1.22		
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/29/2024	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	05/28/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 30 (H242933-30)

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	05/28/2024	ND	2.10	105	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/29/2024	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	05/28/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 31 (H242933-31)

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	05/28/2024	ND	2.10	105	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	05/29/2024	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	05/28/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 32 (H242933-32)

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	05/28/2024	ND	2.10	105	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/29/2024	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	05/28/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 33 (H242933-33)

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	05/28/2024	ND	2.10	105	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 34 (H242933-34)

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	05/28/2024	ND	2.10	105	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 35 (H242933-35)

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	05/28/2024	ND	2.10	105	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	2.22	111	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.21	110	2.00	1.39	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.91	115	6.00	1.53	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 67.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.9 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 36 (H242933-36)

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	05/28/2024	ND	2.04	102	2.00	0.339	
Toluene*	<0.050	0.050	05/28/2024	ND	2.04	102	2.00	0.501	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.00	99.9	2.00	0.802	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.27	105	6.00	0.765	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/29/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 37 (H242933-37)

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	05/28/2024	ND	2.04	102	2.00	0.339		
Toluene*	<0.050	0.050	05/28/2024	ND	2.04	102	2.00	0.501		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.00	99.9	2.00	0.802		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.27	105	6.00	0.765		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/29/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	<10.0	10.0	05/29/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/29/2024	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 38 (H242933-38)

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	05/28/2024	ND	2.04	102	2.00	0.339		
Toluene*	<0.050	0.050	05/28/2024	ND	2.04	102	2.00	0.501		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.00	99.9	2.00	0.802		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.27	105	6.00	0.765		
Total BTEx	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/29/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	<10.0	10.0	05/29/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/29/2024	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 39 (H242933-39)

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	05/28/2024	ND	2.04	102	2.00	0.339		
Toluene*	<0.050	0.050	05/28/2024	ND	2.04	102	2.00	0.501		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.00	99.9	2.00	0.802		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.27	105	6.00	0.765		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/29/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	<10.0	10.0	05/29/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/29/2024	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 40 (H242933-40)

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	05/28/2024	ND	2.04	102	2.00	0.339		
Toluene*	<0.050	0.050	05/28/2024	ND	2.04	102	2.00	0.501		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.00	99.9	2.00	0.802		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.27	105	6.00	0.765		
Total BTEx	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/29/2024	ND	189	94.5	200	3.79	
DRO >C10-C28*	<10.0	10.0	05/29/2024	ND	203	101	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	05/29/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 41 (H242933-41)

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	05/28/2024	ND	2.04	102	2.00	0.339	
Toluene*	<0.050	0.050	05/28/2024	ND	2.04	102	2.00	0.501	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.00	99.9	2.00	0.802	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.27	105	6.00	0.765	
Total BTEx	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	207	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	191	95.5	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 42 (H242933-42)

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	05/28/2024	ND	2.04	102	2.00	0.339	
Toluene*	<0.050	0.050	05/28/2024	ND	2.04	102	2.00	0.501	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.00	99.9	2.00	0.802	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.27	105	6.00	0.765	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	207	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	191	95.5	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 43 (H242933-43)

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	05/28/2024	ND	2.04	102	2.00	0.339	
Toluene*	<0.050	0.050	05/28/2024	ND	2.04	102	2.00	0.501	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.00	99.9	2.00	0.802	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.27	105	6.00	0.765	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/28/2024	ND	207	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	191	95.5	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 44 (H242933-44)

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	05/28/2024	ND	2.04	102	2.00	0.339	
Toluene*	<0.050	0.050	05/28/2024	ND	2.04	102	2.00	0.501	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.00	99.9	2.00	0.802	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.27	105	6.00	0.765	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/29/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/29/2024	ND	207	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	05/29/2024	ND	191	95.5	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	05/29/2024	ND					

Surrogate: 1-Chlorooctane 72.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 45 (H242933-45)

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	05/28/2024	ND	2.04	102	2.00	0.339		
Toluene*	<0.050	0.050	05/28/2024	ND	2.04	102	2.00	0.501		
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.00	99.9	2.00	0.802		
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.27	105	6.00	0.765		
Total BTEX	<0.300	0.300	05/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/29/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/29/2024	ND	207	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	05/29/2024	ND	191	95.5	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	05/29/2024	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 46 (H242933-46)

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	05/28/2024	ND	2.04	102	2.00	0.339	
Toluene*	<0.050	0.050	05/28/2024	ND	2.04	102	2.00	0.501	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.00	99.9	2.00	0.802	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.27	105	6.00	0.765	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/29/2024	ND	207	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	05/29/2024	ND	191	95.5	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	05/29/2024	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 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: 05/24/2024
 Reported: 05/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: NOT GIVEN
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 05/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW 47 (H242933-47)

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	05/28/2024	ND	2.04	102	2.00	0.339	
Toluene*	<0.050	0.050	05/28/2024	ND	2.04	102	2.00	0.501	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	2.00	99.9	2.00	0.802	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	6.27	105	6.00	0.765	
Total BTEX	<0.300	0.300	05/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/29/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/29/2024	ND	207	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	05/29/2024	ND	191	95.5	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	05/29/2024	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Page 50 of 54

[illegible]

Email results to: pm@hungry-horse.com
gboarns@jdmii.com

Released to Imaging: 8/21/2024 11:38:10 AM



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

[illegible]

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Page 53 of 54

Released to Imaging: 8/21/2024 11:38:10 AM



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: 4024 Plains Hwy		City: Lovington		State: NM		Zip: 88260		Attn: Greg Boans		Company: Murchison Oil & Gas																																					
Phone #: 575 393-3386		Fax #:		Project Owner: Murchison Oil & Gas		City: Carlsbad		State: NM		Zip: 88230		Address: 5325 Sierra Vista																																					
Project Name: Ogden State 5a		Project Location: U/L O Sec 2 T25S - R26E		Sample Name: Bradley Wells		Phone #: 575 706-0667		Fax #:																																									
FOR LAB USE ONLY																																																	
Lab I.D.		Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX 8021													
41		SW41				C 1		X																				5/23/24				X		X		X													
42		SW42				C 1		X																				5/23/24				X		X		X													
43		SW43				C 1		X																				5/23/24				X		X		X													
44		SW44				C 1		X																				5/23/24				X		X		X													
45		SW45				C 1		X																				5/23/24				X		X		X													
46		SW46				C 1		X																				5/23/24				X		X		X													
47		SW47				C 1		X																				5/23/24				X		X		X													
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																																																	
Relinquished By: <i>[Signature]</i>		Date: 5/24/24		Time: 1:30		Received By: <i>[Signature]</i>		Date: 5/24/24		Time: 1:30		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: <i>[Signature]</i>		REMARKS: 48 hr RUSHI																																	
Relinquished By: <i>[Signature]</i>		Date: 5/24/24		Time: 1:30		Received By: <i>[Signature]</i>		Date: 5/24/24		Time: 1:30		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: <i>[Signature]</i>		Email results to: pm@hungry-horse.com																																	
Delivered By: (Circle One) <i>2-8-c</i>		Sampler - UPS - Bus - Other: <i>#440</i>		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: <i>[Signature]</i>		Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																																									



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

June 12, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 5A

Enclosed are the results of analyses for samples received by the laboratory on 06/10/24 16:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 1 B 4' (H243317-01)

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	06/11/2024	ND	1.71	85.6	2.00	1.38	
Toluene*	<0.050	0.050	06/11/2024	ND	1.86	93.0	2.00	6.67	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.03	101	2.00	11.6	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.14	102	6.00	12.1	
Total BTX	<0.300	0.300	06/11/2024	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	80.0	16.0	06/11/2024	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	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 72.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.2 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 2 B 4' (H243317-02)

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	06/11/2024	ND	1.71	85.6	2.00	1.38		
Toluene*	<0.050	0.050	06/11/2024	ND	1.86	93.0	2.00	6.67		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.03	101	2.00	11.6		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.14	102	6.00	12.1		
Total BTEX	<0.300	0.300	06/11/2024	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	80.0	16.0	06/11/2024	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	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 3 B 4' (H243317-03)

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	06/11/2024	ND	1.71	85.6	2.00	1.38	
Toluene*	<0.050	0.050	06/11/2024	ND	1.86	93.0	2.00	6.67	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.03	101	2.00	11.6	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.14	102	6.00	12.1	
Total BTEX	<0.300	0.300	06/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15		
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60		
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND						

Surrogate: 1-Chlorooctane 89.7 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 4 B 4' (H243317-04)

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	06/11/2024	ND	1.71	85.6	2.00	1.38	
Toluene*	<0.050	0.050	06/11/2024	ND	1.86	93.0	2.00	6.67	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.03	101	2.00	11.6	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.14	102	6.00	12.1	
Total BTEX	<0.300	0.300	06/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/12/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 5 B 4' (H243317-05)

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	06/11/2024	ND	1.71	85.6	2.00	1.38	
Toluene*	<0.050	0.050	06/11/2024	ND	1.86	93.0	2.00	6.67	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.03	101	2.00	11.6	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.14	102	6.00	12.1	
Total BTEX	<0.300	0.300	06/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15		
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60		
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND						

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 6 B 4' (H243317-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	1.71	85.6	2.00	1.38		
Toluene*	<0.050	0.050	06/11/2024	ND	1.86	93.0	2.00	6.67		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.03	101	2.00	11.6		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.14	102	6.00	12.1		
Total BTEX	<0.300	0.300	06/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 7 B 4' (H243317-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	1.71	85.6	2.00	1.38		
Toluene*	<0.050	0.050	06/11/2024	ND	1.86	93.0	2.00	6.67		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.03	101	2.00	11.6		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.14	102	6.00	12.1		
Total BTEX	<0.300	0.300	06/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 8 B 4' (H243317-08)

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	06/11/2024	ND	1.71	85.6	2.00	1.38		
Toluene*	<0.050	0.050	06/11/2024	ND	1.86	93.0	2.00	6.67		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.03	101	2.00	11.6		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.14	102	6.00	12.1		
Total BTEX	<0.300	0.300	06/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 9 B 4' (H243317-09)

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	06/11/2024	ND	1.71	85.6	2.00	1.38		
Toluene*	<0.050	0.050	06/11/2024	ND	1.86	93.0	2.00	6.67		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.03	101	2.00	11.6		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.14	102	6.00	12.1		
Total BTEX	<0.300	0.300	06/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 10 B 4' (H243317-10)

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	06/11/2024	ND	1.71	85.6	2.00	1.38		
Toluene*	<0.050	0.050	06/11/2024	ND	1.86	93.0	2.00	6.67		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.03	101	2.00	11.6		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.14	102	6.00	12.1		
Total BTEX	<0.300	0.300	06/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 11 B 4' (H243317-11)

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	06/11/2024	ND	1.71	85.6	2.00	1.38		
Toluene*	<0.050	0.050	06/11/2024	ND	1.86	93.0	2.00	6.67		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.03	101	2.00	11.6		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.14	102	6.00	12.1		
Total BTEX	<0.300	0.300	06/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.8 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 12 B 4' (H243317-12)

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	06/11/2024	ND	1.71	85.6	2.00	1.38		
Toluene*	<0.050	0.050	06/11/2024	ND	1.86	93.0	2.00	6.67		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.03	101	2.00	11.6		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.14	102	6.00	12.1		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.7 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 13 B 4' (H243317-13)

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	06/11/2024	ND	1.71	85.6	2.00	1.38	
Toluene*	<0.050	0.050	06/11/2024	ND	1.86	93.0	2.00	6.67	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.03	101	2.00	11.6	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.14	102	6.00	12.1	
Total BTEX	<0.300	0.300	06/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/12/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 14 B 4' (H243317-14)

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	06/11/2024	ND	1.71	85.6	2.00	1.38		
Toluene*	<0.050	0.050	06/11/2024	ND	1.86	93.0	2.00	6.67		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.03	101	2.00	11.6		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.14	102	6.00	12.1		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 15 B 4' (H243317-15)

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	06/11/2024	ND	1.71	85.6	2.00	1.38		
Toluene*	<0.050	0.050	06/11/2024	ND	1.86	93.0	2.00	6.67		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.03	101	2.00	11.6		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.14	102	6.00	12.1		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 108 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 16 B 4' (H243317-16)

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	06/11/2024	ND	1.71	85.6	2.00	1.38	
Toluene*	<0.050	0.050	06/11/2024	ND	1.86	93.0	2.00	6.67	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.03	101	2.00	11.6	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.14	102	6.00	12.1	
Total BTEX	<0.300	0.300	06/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/12/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 17 B 4' (H243317-17)

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	06/11/2024	ND	1.89	94.5	2.00	4.36		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 18 B 4' (H243317-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	1.89	94.5	2.00	4.36		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 19 B 4' (H243317-19)

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	06/11/2024	ND	1.89	94.5	2.00	4.36	
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137	
Total BTEX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 20 B 4' (H243317-20)

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	06/11/2024	ND	1.89	94.5	2.00	4.36		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	206	103	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	204	102	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 21 B 4' (H243317-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	1.89	94.5	2.00	4.36		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137		
Total BTEx	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 56.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 22 B 4' (H243317-22)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2024	ND	1.89	94.5	2.00	4.36	
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137	
Total BTX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 56.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 23 B 4' (H243317-23)

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	06/11/2024	ND	1.89	94.5	2.00	4.36		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 24 B 4' (H243317-24)

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	06/11/2024	ND	1.89	94.5	2.00	4.36		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 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	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 25 B 4' (H243317-25)

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	06/11/2024	ND	1.89	94.5	2.00	4.36		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 87.1 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 26 B 4' (H243317-26)

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	06/11/2024	ND	1.89	94.5	2.00	4.36	
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137	
Total BTEX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 27 B 4' (H243317-27)

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	06/11/2024	ND	1.89	94.5	2.00	4.36		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 28 B 4' (H243317-28)

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	06/11/2024	ND	1.89	94.5	2.00	4.36		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	80.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 68.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 29 B 4' (H243317-29)

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	06/11/2024	ND	1.89	94.5	2.00	4.36	
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137	
Total BTEX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 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	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 30 B 4' (H243317-30)

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	06/11/2024	ND	1.89	94.5	2.00	4.36	
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137	
Total BTEX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 31 B 4' (H243317-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	1.89	94.5	2.00	4.36		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 57.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.6 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 32 B 5' (H243317-32)

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	06/11/2024	ND	1.89	94.5	2.00	4.36		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 69.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 33 B 5' (H243317-33)

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	06/11/2024	ND	1.89	94.5	2.00	4.36		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137		
Total BTEx	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 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	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 34 B 5' (H243317-34)

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	06/11/2024	ND	1.89	94.5	2.00	4.36		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 35 B 5' (H243317-35)

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	06/11/2024	ND	1.89	94.5	2.00	4.36		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 36 B 5' (H243317-36)

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	06/11/2024	ND	1.89	94.5	2.00	4.36	
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.2	2.00	1.35	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.86	92.9	2.00	0.227	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.77	96.1	6.00	0.137	
Total BTEX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 37 B 5' (H243317-37)

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	06/11/2024	ND	1.92	96.2	2.00	6.13		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 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	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 38 B 5' (H243317-38)

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	06/11/2024	ND	1.92	96.2	2.00	6.13		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 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	48.0	16.0	06/12/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 39 B 5' (H243317-39)

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	06/11/2024	ND	1.92	96.2	2.00	6.13		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 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	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 40 B 5' (H243317-40)

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	06/11/2024	ND	1.92	96.2	2.00	6.13		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	189	94.7	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	186	93.1	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 41 B 5' (H243317-41)

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	06/11/2024	ND	1.92	96.2	2.00	6.13		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 82.8 % 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	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 57.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.2 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 42 B 5' (H243317-42)

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	06/11/2024	ND	1.92	96.2	2.00	6.13		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 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	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 43 B 5' (H243317-43)

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	06/11/2024	ND	1.92	96.2	2.00	6.13		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 69.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 44 B 5' (H243317-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	1.92	96.2	2.00	6.13		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 45 B 5' (H243317-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	1.92	96.2	2.00	6.13		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 46 B 5' (H243317-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	1.92	96.2	2.00	6.13		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 47 B 5' (H243317-47)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	1.92	96.2	2.00	6.13		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 69.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.5 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 48 B 5' (H243317-48)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2024	ND	1.92	96.2	2.00	6.13	
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61	
Total BTEX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 49 B 5' (H243317-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	1.92	96.2	2.00	6.13		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 50 B 5' (H243317-50)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2024	ND	1.92	96.2	2.00	6.13	
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61	
Total BTEX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 51 B 5' (H243317-51)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2024	ND	1.92	96.2	2.00	6.13	
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61	
Total BTEX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 67.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.0 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 52 B 5' (H243317-52)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2024	ND	1.92	96.2	2.00	6.13	
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61	
Total BTEX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 53 B 5' (H243317-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	1.92	96.2	2.00	6.13		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 54 B 5' (H243317-54)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	1.92	96.2	2.00	6.13		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.0 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 55 B 5' (H243317-55)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	1.92	96.2	2.00	6.13		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 56 B 5' (H243317-56)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	1.92	96.2	2.00	6.13		
Toluene*	<0.050	0.050	06/11/2024	ND	1.94	97.1	2.00	3.95		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.00	99.9	2.00	2.65		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.78	96.4	6.00	2.61		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 57 B 5' (H243317-57)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	2.01	101	2.00	2.81		
Toluene*	<0.050	0.050	06/11/2024	ND	2.23	111	2.00	0.128		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.27	114	2.00	0.866		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.98	116	6.00	0.816		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 58 B 5' (H243317-58)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2024	ND	2.01	101	2.00	2.81	
Toluene*	<0.050	0.050	06/11/2024	ND	2.23	111	2.00	0.128	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.27	114	2.00	0.866	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.98	116	6.00	0.816	
Total BTEX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 59 B 5' (H243317-59)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2024	ND	2.01	101	2.00	2.81	
Toluene*	<0.050	0.050	06/11/2024	ND	2.23	111	2.00	0.128	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.27	114	2.00	0.866	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.98	116	6.00	0.816	
Total BTEX	<0.300	0.300	06/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/12/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 60 B 5' (H243317-60)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/11/2024	ND	2.01	101	2.00	2.81	
Toluene*	<0.050	0.050	06/11/2024	ND	2.23	111	2.00	0.128	
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.27	114	2.00	0.866	
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.98	116	6.00	0.816	
Total BTEX	<0.300	0.300	06/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	192	95.8	200	0.452	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	197	98.4	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 61 B 5' (H243317-61)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	2.01	101	2.00	2.81		
Toluene*	<0.050	0.050	06/11/2024	ND	2.23	111	2.00	0.128		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	2.27	114	2.00	0.866		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	6.98	116	6.00	0.816		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/12/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	199	99.6	200	1.59		
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	208	104	200	2.22		
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND						

Surrogate: 1-Chlorooctane 65.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.6 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 62 B 5' (H243317-62)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.01	101	2.00	2.81	
Toluene*	<0.050	0.050	06/12/2024	ND	2.23	111	2.00	0.128	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.27	114	2.00	0.866	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.98	116	6.00	0.816	
Total BTEX	<0.300	0.300	06/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/12/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	199	99.6	200	1.59	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	208	104	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.3 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 63 B 5' (H243317-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.01	101	2.00	2.81		
Toluene*	<0.050	0.050	06/12/2024	ND	2.23	111	2.00	0.128		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.27	114	2.00	0.866		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.98	116	6.00	0.816		
Total BTEX	<0.300	0.300	06/12/2024	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	48.0	16.0	06/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	199	99.6	200	1.59		
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	208	104	200	2.22		
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND						

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 64 B 5' (H243317-64)

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	06/12/2024	ND	2.01	101	2.00	2.81	
Toluene*	<0.050	0.050	06/12/2024	ND	2.23	111	2.00	0.128	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.27	114	2.00	0.866	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.98	116	6.00	0.816	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	64.0	16.0	06/12/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	199	99.6	200	1.59	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	208	104	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 65 B 5' (H243317-65)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.01	101	2.00	2.81	
Toluene*	<0.050	0.050	06/12/2024	ND	2.23	111	2.00	0.128	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.27	114	2.00	0.866	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.98	116	6.00	0.816	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	80.0	16.0	06/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	199	99.6	200	1.59	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	208	104	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 66 B 5' (H243317-66)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.01	101	2.00	2.81		
Toluene*	<0.050	0.050	06/12/2024	ND	2.23	111	2.00	0.128		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.27	114	2.00	0.866		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.98	116	6.00	0.816		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	64.0	16.0	06/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	199	99.6	200	1.59		
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	208	104	200	2.22		
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND						

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.1 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 67 B 5' (H243317-67)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.01	101	2.00	2.81	
Toluene*	<0.050	0.050	06/12/2024	ND	2.23	111	2.00	0.128	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.27	114	2.00	0.866	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.98	116	6.00	0.816	
Total BTEx	<0.300	0.300	06/12/2024	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	48.0	16.0	06/12/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	199	99.6	200	1.59	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	208	104	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 68 B 5' (H243317-68)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.01	101	2.00	2.81	
Toluene*	<0.050	0.050	06/12/2024	ND	2.23	111	2.00	0.128	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.27	114	2.00	0.866	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.98	116	6.00	0.816	
Total BTEX	<0.300	0.300	06/12/2024	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	32.0	16.0	06/12/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	199	99.6	200	1.59	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	208	104	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 69 B 5' (H243317-69)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.01	101	2.00	2.81		
Toluene*	<0.050	0.050	06/12/2024	ND	2.23	111	2.00	0.128		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.27	114	2.00	0.866		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.98	116	6.00	0.816		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	64.0	16.0	06/12/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	199	99.6	200	1.59		
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	208	104	200	2.22		
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND						

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 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:	06/10/2024	Sampling Date:	06/10/2024
Reported:	06/12/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 70 B 5' (H243317-70)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.01	101	2.00	2.81	
Toluene*	<0.050	0.050	06/12/2024	ND	2.23	111	2.00	0.128	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.27	114	2.00	0.866	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.98	116	6.00	0.816	
Total BTEX	<0.300	0.300	06/12/2024	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	64.0	16.0	06/12/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	199	99.6	200	1.59	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	208	104	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-05 The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Coley D. Keene

Coley D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO										ANALYSIS REQUEST														
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																										
Address: 4024 Plains Hwy		Attn: Greg Boans																										
City: Lovington	State: NM	Zip: 88260																										
Phone #: 575 393-3386	Fax #:	Address: 5325 Sierra Vista																										
Project #:	Project Owner: Murchison Oil & Gas	City: Carlsbad																										
Project Name: Ogden State 5a	State: NM	Zip: 88230																										
Project Location: UL/O Sec 2 T25S - R26E	Phone #: 575 706-0667																											
Sampler Name: Jerry Heidelberg	Fax #:																											
FOR LAB USE ONLY																												
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING																	
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	Chloride	TPH	BTEX 8021										
H24337		FL1b	C 1	1			X							6/10/24		X	X	X										
		FL2b	C 1	1			X							6/10/24		X	X	X										
		FL3b	C 1	1			X							6/10/24		X	X	X										
		FL4b	C 1	1			X							6/10/24		X	X	X										
		FL5b	C 1	1			X							6/10/24		X	X	X										
		FL6b	C 1	1			X							6/10/24		X	X	X										
		FL7b	C 1	1			X							6/10/24		X	X	X										
		FL8b	C 1	1			X							6/10/24		X	X	X										
		FL9b	C 1	1			X							6/10/24		X	X	X										
		FL10b	C 1	1			X							6/10/24		X	X	X										
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Relinquished By: [Signature]		Date: 6/10/24	Received By: [Signature]																									
Relinquished By: [Signature]		Date: 6/10/24	Received By: [Signature]																									
Delivered By: (Circle One) 2.0c		Sample Condition Cool Intact		CHECKED BY: (Initials) [Signature]																								
Sampler - UPS - Bus - Other: 140		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		[Signature]																								
† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																												



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO												ANALYSIS REQUEST														
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																												
Address: 4024 Plains Hwy		Attn: Greg Boans																												
City: Lovington	State: NM	Zip: 88260																												
Phone #: 575 393-3386	Fax #:	Address: 5325 Sierra Vista																												
Project #:	Project Owner: Murchison Oil & Gas	City: Carlsbad																												
Project Name: Ogden State 5a	State: NM	Zip: 88230																												
Project Location: UL O Sec 2 T25S - R26E	Phone #: 575 706-0667	Fax #:																												
Sampler Name: Jerry Heidelberg	FOR LAB USE ONLY																													
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX 8021														
11	FL11b	4'	C	1										6/10/24		X	X	X												
12	FL12b	4'	C	1										6/10/24		X	X	X												
13	FL13b	4'	C	1										6/10/24		X	X	X												
14	FL14b	4'	C	1										6/10/24		X	X	X												
15	FL15b	4'	C	1										6/10/24		X	X	X												
16	FL16b	4'	C	1										6/10/24		X	X	X												
17	FL17b	4'	C	1										6/10/24		X	X	X												
18	FL18b	4'	C	1										6/10/24		X	X	X												
19	FL19b	4'	C	1										6/10/24		X	X	X												
20	FL20b	4'	C	1										6/10/24		X	X	X												
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Relinquished By: [Signature]		Date: 6/10/24	Received By: [Signature]		REMARKS: 48 hr RUSHI																									
Relinquished By: [Signature]		Date: 6/10/24	Received By: [Signature]		Email results to: pm@hungry-horse.com																									
Delivered By: (Circle One) 2-UPS		Sample Condition		CHECKED BY: [Signature]		gboans@jdmil.com																								
Sampler - UPS - Bus - Other: 140		Cool Intact		[Signature]																										
		Yes [X] No []		[Signature]																										

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO												ANALYSIS REQUEST														
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																												
Address: 4024 Plains Hwy		Attn: Greg Boans																												
City: Lovington	State: NM	Zip: 88260																												
Phone #: 575 393-3386	Fax #:																													
Project #:	Project Owner: Murchison Oil & Gas	City: Carlsbad																												
Project Name: Ogden State 5a	State: NM	Zip: 88230																												
Project Location: U/L O Sec 2 T25S - R26E	Phone #: 575 706-0667	Fax #:																												
Sampler Name: Jerry Heidelberg	FOR LAB USE ONLY																													
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX 8021															
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :																	
31	FL31b	4'	C	1			X							6/10/24		X	X	X												
32	FL32b	5'	C	1			X							6/10/24		X	X	X												
33	FL33b	5'	C	1			X							6/10/24		X	X	X												
34	FL34b	5'	C	1			X							6/10/24		X	X	X												
35	FL35b	5'	C	1			X							6/10/24		X	X	X												
36	FL36b	5'	C	1			X							6/10/24		X	X	X												
37	FL37b	5'	C	1			X							6/10/24		X	X	X												
38	FL38b	5'	C	1			X							6/10/24		X	X	X												
39	FL39b	5'	C	1			X							6/10/24		X	X	X												
40	FL40b	5'	C	1			X							6/10/24		X	X	X												
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Relinquished By: [Signature]		Date: 6/10/24	Received By: [Signature]																											
Time: 10:37																														
Delivered By: (Circle One) 2.4°C		Sample Condition		CHECKED BY: [Signature]																										
Sampler - UPS - Bus - Other: 140		<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																										
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																										
<p>† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476</p>																														
<p>REMARKS: 48 hr RUSHI</p> <p>Email results to: pm@hungry-horse.com</p> <p>gboans@jdmil.com</p>																														



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO												ANALYSIS REQUEST																																	
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																																															
Address: 4024 Plains Hwy		Attn: Greg Boans																																															
City: Lovington		State: NM		Zip: 88260																																													
Phone #: 575 393-3386		Fax #:		Address: 5325 Sierra Vista																																													
Project #:		Project Owner: Murchison Oil & Gas		City: Carlsbad																																													
Project Name: Ogden State 5a		State: NM		Zip: 88230																																													
Project Location: UL O Sec 2 T2S5 - R26E		Phone #: 575 706-0667		Fax #:																																													
Sampler Name: Jerry Heidelberg		FOR LAB USE ONLY																																															
Lab I.D.		Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX 8021													
41		FL41b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X													
42		FL42b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X													
43		FL43b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X													
44		FL44b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X													
45		FL45b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X													
46		FL46b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X													
47		FL47b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X													
48		FL48b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X													
49		FL49b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X													
50		FL50b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X													
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Relinquished By: [Signature]		Date: 6/10/24		Received By: [Signature]		Date: 6/10/24		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: [Blank]																																							
Relinquished By: [Signature]		Date: 6/10/24		Received By: [Signature]		Date: 6/10/24		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #: [Blank]																																							
Delivered By: (Circle One) <u>2-UPS</u>		Sample Condition		Checked By: [Signature]		REMARKS: 48 hr RUSHI		Email results to: pm@hungry-horse.com		gboans@jdmil.com																																							
Sampler - UPS - Bus - Other: <u>UPS</u>		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"/>																																											

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO										ANALYSIS REQUEST																																	
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																																													
Address: 4024 Plains Hwy		Attn: Greg Boans																																													
City: Lovington		Address: 5325 Sierra Vista																																													
State: NM		City: Carlsbad																																													
Zip: 88260		State: NM																																													
Phone #: 575 393-3386		Zip: 88230																																													
Fax #:		Phone #: 575 706-0667																																													
Project #:		Project Owner: Murchison Oil & Gas																																													
Project Name: Ogden State 5a		City:																																													
Project Location: U/L O Sec 2 T25S - R26E		State: NM																																													
Fax #:		Zip: 88230																																													
Sampler Name: Jerry Heidelberg		Phone #:																																													
Fax #:		Zip:																																													
FOR LAB USE ONLY		Matrix		PRESERV.		SAMPLING																																									
Lab I.D.		Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX 8021											
S1		FL51b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X											
S2		FL52b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X											
S3		FL53b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X											
S4		FL54b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X											
S5		FL55b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X											
S6		FL56b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X											
S7		FL57b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X											
S8		FL58b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X											
S9		FL59b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X											
S10		FL60b		5'		C 1		X		X		X		X		X		X		X		X		X		X		6/10/24				X		X		X											
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Relinquished By: [Signature]		Date: 6/10/24		Received By: [Signature]		Date: 6/10/24		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:		REMARKS: 48 hr RUSH! Email results to: pm@hungry-horse.com gboans@jdmil.com																															
Delivered By: (Circle One) <u>UPS</u>		Time: 11:37		Received By: [Signature]		Time:		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: [Signature]																																					
Sampler - UPS - Bus - Other: <u>UPS</u>		Time:		Received By:		Time:																																									

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

June 18, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 5A

Enclosed are the results of analyses for samples received by the laboratory on 06/14/24 16:31.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 71 B 5' (H243484-01)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	0.854	
Toluene*	<0.050	0.050	06/17/2024	ND	2.21	111	2.00	0.484	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.21	110	2.00	0.347	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.75	112	6.00	1.04	
Total BTEX	<0.300	0.300	06/17/2024	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	48.0	16.0	06/17/2024	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	06/17/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 72 B 5' (H243484-02)

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	06/17/2024	ND	2.08	104	2.00	0.854		
Toluene*	<0.050	0.050	06/17/2024	ND	2.21	111	2.00	0.484		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.21	110	2.00	0.347		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.75	112	6.00	1.04		
Total BTEX	<0.300	0.300	06/17/2024	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	32.0	16.0	06/17/2024	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	06/17/2024	ND	208	104	200	2.39		
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89		
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND						

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 73 B 5' (H243484-03)

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	06/17/2024	ND	2.08	104	2.00	0.854		
Toluene*	<0.050	0.050	06/17/2024	ND	2.21	111	2.00	0.484		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.21	110	2.00	0.347		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.75	112	6.00	1.04		
Total BTEX	<0.300	0.300	06/17/2024	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	48.0	16.0	06/17/2024	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	06/17/2024	ND	208	104	200	2.39		
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89		
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND						

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 74 B 5' (H243484-04)

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	06/17/2024	ND	2.08	104	2.00	0.854		
Toluene*	<0.050	0.050	06/17/2024	ND	2.21	111	2.00	0.484		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.21	110	2.00	0.347		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.75	112	6.00	1.04		
Total BTEX	<0.300	0.300	06/17/2024	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	48.0	16.0	06/17/2024	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	06/17/2024	ND	208	104	200	2.39		
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89		
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND						

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 75 B 5' (H243484-05)

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	06/17/2024	ND	2.08	104	2.00	0.854		
Toluene*	<0.050	0.050	06/17/2024	ND	2.21	111	2.00	0.484		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.21	110	2.00	0.347		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.75	112	6.00	1.04		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	208	104	200	2.39		
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89		
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 76 B 5' (H243484-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	0.854		
Toluene*	<0.050	0.050	06/17/2024	ND	2.21	111	2.00	0.484		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.21	110	2.00	0.347		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.75	112	6.00	1.04		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	208	104	200	2.39		
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89		
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND						

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 77 B 5' (H243484-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	0.854		
Toluene*	<0.050	0.050	06/17/2024	ND	2.21	111	2.00	0.484		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.21	110	2.00	0.347		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.75	112	6.00	1.04		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 78 B 5' (H243484-08)

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	06/17/2024	ND	2.08	104	2.00	0.854		
Toluene*	<0.050	0.050	06/17/2024	ND	2.21	111	2.00	0.484		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.21	110	2.00	0.347		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.75	112	6.00	1.04		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	06/17/2024	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	06/17/2024	ND	208	104	200	2.39		
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89		
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND						

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 79 B 5' (H243484-09)

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	06/17/2024	ND	1.86	92.9	2.00	7.98		
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4	QM-07	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4	QM-07	
Total BTEx	<0.300	0.300	06/17/2024	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	48.0	16.0	06/17/2024	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	06/17/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 80 B 5' (H243484-10)

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	06/17/2024	ND	1.86	92.9	2.00	7.98		
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 106 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 81 B 5' (H243484-11)

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	06/17/2024	ND	1.86	92.9	2.00	7.98	
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	208	104	200	2.39		
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89		
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND						

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 82 B 5' (H243484-12)

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	06/17/2024	ND	1.86	92.9	2.00	7.98	
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 83 B 5' (H243484-13)

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	06/17/2024	ND	1.86	92.9	2.00	7.98		
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	64.0	16.0	06/17/2024	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	06/17/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 84 B 5' (H243484-14)

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	06/17/2024	ND	1.86	92.9	2.00	7.98		
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	06/17/2024	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	06/17/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 85 B 5' (H243484-15)

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	06/17/2024	ND	1.86	92.9	2.00	7.98		
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4		
Total BTEX	<0.300	0.300	06/17/2024	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	32.0	16.0	06/17/2024	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	06/17/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 86 B 5' (H243484-16)

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	06/17/2024	ND	1.86	92.9	2.00	7.98		
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	64.0	16.0	06/17/2024	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	06/17/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 87 B 5' (H243484-17)

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	06/17/2024	ND	1.86	92.9	2.00	7.98	
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4	
Total BTEX	<0.300	0.300	06/17/2024	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	64.0	16.0	06/17/2024	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	06/17/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 88 B 5' (H243484-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.86	92.9	2.00	7.98		
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 89 B 5' (H243484-19)

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	06/17/2024	ND	1.86	92.9	2.00	7.98	
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4	
Total BTEX	<0.300	0.300	06/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	208	104	200	2.39		
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89		
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND						

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 90 B 5' (H243484-20)

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	06/17/2024	ND	1.86	92.9	2.00	7.98		
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4		
Total BTEx	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	208	104	200	2.39	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	210	105	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 91 B 5' (H243484-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	1.86	92.9	2.00	7.98	
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4	
Total BTEX	<0.300	0.300	06/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 92 B 5' (H243484-22)

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	06/17/2024	ND	1.86	92.9	2.00	7.98		
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 93 B 5' (H243484-23)

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	06/17/2024	ND	1.86	92.9	2.00	7.98		
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 98.1 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 94 B 5' (H243484-24)

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	06/17/2024	ND	1.86	92.9	2.00	7.98		
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 95 B 5' (H243484-25)

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	06/17/2024	ND	1.86	92.9	2.00	7.98		
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 96 B 5' (H243484-26)

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	06/17/2024	ND	1.86	92.9	2.00	7.98		
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 95.3 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 97 B 5' (H243484-27)

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	06/17/2024	ND	1.86	92.9	2.00	7.98		
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 98 B 5' (H243484-28)

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	06/17/2024	ND	1.86	92.9	2.00	7.98	
Toluene*	<0.050	0.050	06/17/2024	ND	1.96	98.2	2.00	10.5	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	11.4	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	11.4	
Total BTEX	<0.300	0.300	06/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 99 B 5' (H243484-29)

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	06/17/2024	ND	2.04	102	2.00	0.338	
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01	
Total BTEX	<0.300	0.300	06/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19		
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75		
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND						

Surrogate: 1-Chlorooctane 95.4 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 100 B 5' (H243484-30)

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	06/17/2024	ND	2.04	102	2.00	0.338		
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 101 B 5' (H243484-31)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	0.338	
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01	
Total BTEX	<0.300	0.300	06/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 67.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 102 B 5' (H243484-32)

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	06/17/2024	ND	2.04	102	2.00	0.338		
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 103 B 5' (H243484-33)

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	06/17/2024	ND	2.04	102	2.00	0.338		
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 104 B 5' (H243484-34)

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	06/17/2024	ND	2.04	102	2.00	0.338		
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 105 B 5' (H243484-35)

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	06/17/2024	ND	2.04	102	2.00	0.338	
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01	
Total BTEX	<0.300	0.300	06/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/17/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 106 B 5' (H243484-36)

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	06/17/2024	ND	2.04	102	2.00	0.338		
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 107 B 5' (H243484-37)

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	06/17/2024	ND	2.04	102	2.00	0.338	
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/17/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 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
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 108 B 5' (H243484-38)

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	06/17/2024	ND	2.04	102	2.00	0.338		
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01		
Total BTEX	<0.300	0.300	06/17/2024	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	80.0	16.0	06/17/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 65.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 109 B 5' (H243484-39)

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	06/17/2024	ND	2.04	102	2.00	0.338	
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01	
Total BTEX	<0.300	0.300	06/17/2024	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	48.0	16.0	06/17/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 110 B 5' (H243484-40)

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	06/17/2024	ND	2.04	102	2.00	0.338	
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01	
Total BTEX	<0.300	0.300	06/17/2024	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	64.0	16.0	06/17/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.4	200	8.19	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	186	93.0	200	9.75	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 111 B 5' (H243484-41)

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	06/17/2024	ND	2.04	102	2.00	0.338		
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01		
Total BTEX	<0.300	0.300	06/17/2024	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	48.0	16.0	06/17/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 81.4 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 112 B 5' (H243484-42)

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	06/17/2024	ND	2.04	102	2.00	0.338	
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01	
Total BTEX	<0.300	0.300	06/17/2024	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	32.0	16.0	06/17/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 113 B 5' (H243484-43)

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	06/17/2024	ND	2.04	102	2.00	0.338		
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01		
Total BTEX	<0.300	0.300	06/17/2024	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	64.0	16.0	06/17/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 114 B 5' (H243484-44)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	0.338	
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	64.0	16.0	06/17/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 115 B 5' (H243484-45)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	0.338		
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01		
Total BTEX	<0.300	0.300	06/17/2024	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	64.0	16.0	06/17/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 116 B 5' (H243484-46)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	0.338		
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01		
Total BTEX	<0.300	0.300	06/17/2024	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	48.0	16.0	06/17/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 117 B 5' (H243484-47)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	0.338		
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01		
Total BTEX	<0.300	0.300	06/17/2024	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	48.0	16.0	06/17/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 118 B 5' (H243484-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	2.04	102	2.00	0.338		
Toluene*	<0.050	0.050	06/17/2024	ND	2.10	105	2.00	3.59		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	3.51		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.58	110	6.00	4.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	06/17/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 119 B 5' (H243484-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99		
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 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	48.0	16.0	06/17/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 120 B 5' (H243484-50)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99	
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 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	48.0	16.0	06/17/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 121 B 5' (H243484-51)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99		
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 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	64.0	16.0	06/17/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 122 B 5' (H243484-52)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99	
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 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	48.0	16.0	06/17/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 123 B 5' (H243484-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99		
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 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	48.0	16.0	06/17/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 124 B 5' (H243484-54)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99		
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 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	64.0	16.0	06/17/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87		
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281		
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND						

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.4 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 125 B 5' (H243484-55)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99		
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 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	48.0	16.0	06/17/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 126 B 5' (H243484-56)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99		
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 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	48.0	16.0	06/17/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87		
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281		
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 127 B 5' (H243484-57)

BTEx 8021B			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99		
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 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	64.0	16.0	06/17/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 128 B 5' (H243484-58)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99		
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	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	06/17/2024	ND	187	93.6	200	1.87		
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281		
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND						

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 129 B 5' (H243484-59)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99		
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01		
Total BTEx	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2024	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	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 130 B 5' (H243484-60)

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	06/17/2024	ND	1.99	99.4	2.00	2.99	
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01	
Total BTX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2024	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	06/17/2024	ND	187	93.6	200	1.87	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	193	96.4	200	0.281	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 131 B 5' (H243484-61)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99		
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 70.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.1 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 132 B 5' (H243484-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99		
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 73.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.5 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 133 B 5' (H243484-63)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99	
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 60.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 54.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 134 B 5' (H243484-64)

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	06/17/2024	ND	1.99	99.4	2.00	2.99		
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.9 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 135 B 5' (H243484-65)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99		
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 136 B 5' (H243484-66)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99		
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 137 B 5' (H243484-67)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99	
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 138 B 7' (H243484-68)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.99	99.4	2.00	2.99		
Toluene*	<0.050	0.050	06/17/2024	ND	2.01	100	2.00	4.78		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.08	104	2.00	6.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	6.10	102	6.00	7.01		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 139 B 7' (H243484-69)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913		
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 69.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.1 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 140 B 7' (H243484-70)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913		
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 141 B 7' (H243484-71)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913		
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 142 B 7' (H243484-72)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913		
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.5 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 143 B 7' (H243484-73)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913		
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 144 B 7' (H243484-74)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913		
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.1 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 145 B 7' (H243484-75)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913		
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 146 B 7' (H243484-76)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913	
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 147 B 7' (H243484-77)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913	
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 148 B 7' (H243484-78)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913		
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 149 B 7' (H243484-79)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913	
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 150 B 7' (H243484-80)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913	
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	177	88.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	178	89.1	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 151 B 7' (H243484-81)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913		
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	64.0	16.0	06/17/2024	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	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 152 B 7' (H243484-82)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913	
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 153 B 7' (H243484-83)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913		
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50		
Total BTEX	<0.300	0.300	06/17/2024	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	64.0	16.0	06/17/2024	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	06/18/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/18/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/18/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 154 B 7' (H243484-84)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913		
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	64.0	16.0	06/17/2024	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	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 155 B 7' (H243484-85)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913		
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	64.0	16.0	06/17/2024	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	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 106 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 156 B 5' (H243484-86)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913		
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 157 B 5' (H243484-87)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913		
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50		
Total BTEX	<0.300	0.300	06/17/2024	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	48.0	16.0	06/17/2024	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	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 158 B 7' (H243484-88)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	1.96	97.8	2.00	0.913	
Toluene*	<0.050	0.050	06/17/2024	ND	1.95	97.5	2.00	1.73	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.87	93.7	2.00	1.58	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.76	96.1	6.00	1.50	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 159 B 7' (H243484-89)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	2.03	102	2.00	2.70	
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 160 B 7' (H243484-90)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	2.03	102	2.00	2.70		
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 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	64.0	16.0	06/17/2024	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	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Coley D. Keene

Coley 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: Murchison Oil & Gas																										
Address: 4024 Plains Hwy		Attn: Greg Boans																										
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista																									
Phone #: 575 393-3386	Fax #:	Project Owner: Murchison Oil & Gas	City: Carlsbad																									
Project #:	Project Name: Ogden State 5a	State: NM	Zip: 88230																									
Project Location: UL O Sec 2 T25S - R26E	Phone #: 575 706-0667																											
Sampler Name: Jerry Heidelberg	Fax #:																											
FOR LAB USE ONLY																												
Lab I.D. H243484	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX 8021											
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :								ACID/BASE	ICE / COOL	OTHER :								
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Relinquished By: <i>[Signature]</i>		Date: 6/10/24	Received By: <i>[Signature]</i>		REMARKS: 48 hr RUSHI																							
Delivered By: (Circle One) <i>UPS</i>		Time: 11:31	Date: 6-14-24		Email results to: pm@hungry-horse.com																							
Sampler - UPS - Bus - Other: <i>UPS</i>		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	Checked By: <i>[Signature]</i>		gboans@jdmii.com																							



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO										ANALYSIS REQUEST													
Project Manager: Daniel Dominguez		Company: Murchison Oil & Gas																									
Address: 4024 Plains Hwy		Attn: Greg Boans																									
City: Lovington	State: NM	Zip: 88260	Address: 5325 Sierra Vista																								
Phone #: 575 393-3386	Fax #:	Project Owner: Murchison Oil & Gas	City: Carlsbad																								
Project #:		State: NM	Zip: 88230																								
Project Name: Ogden State 5a	Project Location: U/L O Sec 2 T25S - R26E		Phone #: 575 706-0667																								
Sampler Name: Jerry Heidelberg	Fax #:																										
FOR LAB USE ONLY																											
Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	MATRIX			PRESERV.	SAMPLING																			
			# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX 8021										
H243484	11 FL81b	5'	C 1	X									6/14/24		X	X	X										
	12 FL82b	5'	C 1	X									6/14/24		X	X	X										
	13 FL83b	5'	C 1	X									6/14/24		X	X	X										
	14 FL84b	5'	C 1	X									6/14/24		X	X	X										
	15 FL85b	5'	C 1	X									6/14/24		X	X	X										
	14 FL86b	5'	C 1	X									6/14/24		X	X	X										
	17 FL87b	5'	C 1	X									6/14/24		X	X	X										
	18 FL88b	5'	C 1	X									6/14/24		X	X	X										
	19 FL89b	5'	C 1	X									6/14/24		X	X	X										
	20 FL90b	5'	C 1	X									6/14/24		X	X	X										
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Relinquished By:	Date: 6/10/24	Received By:	Time: 10:31																								
Relinquished By: <i>[Signature]</i>	Date: 6/14/24	Received By: <i>[Signature]</i>	Time: 10:31																								
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>U.P.S.</i>	Sample Condition <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <i>[Signature]</i>																									
REMARKS: 48 hr RUSH!			Email results to: pm@hungry-horse.com gboans@jdmil.com																								
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No			Add'l Phone #:																								
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No			Add'l Fax #:																								



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:						Hungry Horse LLC											
Project Manager:						Daniel Dominguez											
Address:						4024 Plains Hwy											
City:			Lovington			State:			NM			Zip:			88260		
Phone #:			575 393-3386			Fax #:						Attn:			Greg Boans		
Project #:						Project Owner:			Murchison Oil & Gas			Address:			5325 Sierra Vista		
Project Name:			Ogden State 5a			City:			Carlsbad			State:			NM		
Project Location:			UL/O Sec 2 T25S - R26E			Zip:			88230			Phone #:			575 706-0667		
Sampler Name:			Jerry Heidelberg			Fax #:											

[illegible]

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Relinquished By:	Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Phone #:
<i>[Signature]</i>	6/10/24	<i>[Signature]</i>	Fax Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Time:	Received By:	REMARKS:			
<i>[Signature]</i>	11:31	<i>[Signature]</i>	Email results to: pm@hungry-horse.com			
<i>[Signature]</i>	11:24		gboans@jdmil.com			
	Time:		48 hr RUSH!			

Delivered By: (Circle One)	Sample Condition	CHECKED BY:
U-9c	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)
Sampler - UPS - Bus - Other:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
#140	Yes <input type="checkbox"/> No <input type="checkbox"/>	PP

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ANALYSIS REQUEST

[illegible]

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Phone Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Phone #:
Fax Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Fax #:
REMARKS:	48 hr RUSH!		
Email results to:	pm@hungry-horse.com gboans@jdmii.com		

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ANALYSIS REQUEST

[illegible]

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

June 18, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 5A

Enclosed are the results of analyses for samples received by the laboratory on 06/14/24 16:31.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 161 B 7' (H243485-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	2.03	102	2.00	2.70	
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 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	64.0	16.0	06/17/2024	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	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 162 B 7' (H243485-02)

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	06/17/2024	ND	2.03	102	2.00	2.70	
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 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	64.0	16.0	06/17/2024	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	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 163 B 5' (H243485-03)

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	06/17/2024	ND	2.03	102	2.00	2.70		
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 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	64.0	16.0	06/17/2024	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	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 97.7 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 164 B 5' (H243485-04)

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	06/17/2024	ND	2.03	102	2.00	2.70	
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 165 B 5' (H243485-05)

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	06/17/2024	ND	2.03	102	2.00	2.70		
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 109 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 166 B 5' (H243485-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	2.03	102	2.00	2.70		
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 167 B 7' (H243485-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	2.03	102	2.00	2.70		
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 168 B 7' (H243485-08)

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	06/17/2024	ND	2.03	102	2.00	2.70		
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 108 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 169 B 7' (H243485-09)

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	06/17/2024	ND	2.03	102	2.00	2.70		
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 170 B 7' (H243485-10)

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	06/17/2024	ND	2.03	102	2.00	2.70		
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	194	97.2	200	9.90	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	181	90.4	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 105 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 171 B 7' (H243485-11)

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	06/17/2024	ND	2.03	102	2.00	2.70	
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 79.1 % 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
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 172 B 5' (H243485-12)

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	06/17/2024	ND	2.03	102	2.00	2.70		
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 70.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 173 B 5' (H243485-13)

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	06/17/2024	ND	2.03	102	2.00	2.70		
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 174 B 5' (H243485-14)

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	06/17/2024	ND	2.03	102	2.00	2.70	
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 175 B 5' (H243485-15)

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	06/17/2024	ND	2.03	102	2.00	2.70		
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 176 B 5' (H243485-16)

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	06/17/2024	ND	2.03	102	2.00	2.70	
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 177 B 7' (H243485-17)

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	06/17/2024	ND	2.03	102	2.00	2.70		
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 178 B 7' (H243485-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	2.03	102	2.00	2.70		
Toluene*	<0.050	0.050	06/17/2024	ND	2.00	100	2.00	2.83		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	2.05	103	2.00	3.96		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.95	99.2	6.00	3.86		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 179 B 7' (H243485-19)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.97	98.4	2.00	0.893		
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450	QM-07	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716	QM-07	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791	QM-07	
Total BTX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 180 B 7' (H243485-20)

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	06/17/2024	ND	1.97	98.4	2.00	0.893		
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791		
Total BTEx	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 181 B 7' (H243485-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.97	98.4	2.00	0.893		
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 182 B 5' (H243485-22)

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	06/17/2024	ND	1.97	98.4	2.00	0.893		
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 183 B 5' (H243485-23)

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	06/17/2024	ND	1.97	98.4	2.00	0.893	
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 184 B 5' (H243485-24)

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	06/17/2024	ND	1.97	98.4	2.00	0.893	
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791	
Total BTEX	<0.300	0.300	06/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 185 B 5' (H243485-25)

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	06/17/2024	ND	1.97	98.4	2.00	0.893	
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791	
Total BTEX	<0.300	0.300	06/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 186 B 5' (H243485-26)

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	06/17/2024	ND	1.97	98.4	2.00	0.893		
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52		
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87		
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND						

Surrogate: 1-Chlorooctane 95.4 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 187 B 5' (H243485-27)

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	06/17/2024	ND	1.97	98.4	2.00	0.893		
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791		
Total BTEX	<0.300	0.300	06/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/17/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 188 B 5' (H243485-28)

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	06/17/2024	ND	1.97	98.4	2.00	0.893		
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	06/17/2024	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	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 189 B 16' (H243485-29)

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	06/17/2024	ND	1.97	98.4	2.00	0.893		
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791		
Total BTEX	<0.300	0.300	06/17/2024	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	64.0	16.0	06/17/2024	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	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 190 B 16' (H243485-30)

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	06/17/2024	ND	1.97	98.4	2.00	0.893		
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	64.0	16.0	06/17/2024	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	06/17/2024	ND	183	91.6	200	3.52	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	184	91.9	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 191 B 16' (H243485-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2024	ND	1.97	98.4	2.00	0.893		
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791		
Total BTEX	<0.300	0.300	06/17/2024	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	48.0	16.0	06/17/2024	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	06/17/2024	ND	195	97.6	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	206	103	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 192 B 16' (H243485-32)

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	06/17/2024	ND	1.97	98.4	2.00	0.893		
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791		
Total BTEx	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	06/17/2024	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	06/17/2024	ND	195	97.6	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	206	103	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 193 B 16' (H243485-33)

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	06/17/2024	ND	1.97	98.4	2.00	0.893		
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	06/17/2024	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	06/17/2024	ND	195	97.6	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	206	103	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 194 B 5' (H243485-34)

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	06/17/2024	ND	1.97	98.4	2.00	0.893		
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	195	97.6	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	206	103	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: FL 200 B 5' (H243485-35)

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	06/17/2024	ND	1.97	98.4	2.00	0.893		
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791		
Total BTEX	<0.300	0.300	06/17/2024	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	48.0	16.0	06/17/2024	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	06/17/2024	ND	195	97.6	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	206	103	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: SW 19 B (H243485-36)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2024	ND	1.97	98.4	2.00	0.893	
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791	
Total BTX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	06/17/2024	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	06/17/2024	ND	195	97.6	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	206	103	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: SW 20 B (H243485-37)

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	06/17/2024	ND	1.97	98.4	2.00	0.893		
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	06/17/2024	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	06/17/2024	ND	195	97.6	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	206	103	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: SW 31 B (H243485-38)

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	06/17/2024	ND	1.97	98.4	2.00	0.893		
Toluene*	<0.050	0.050	06/17/2024	ND	1.91	95.6	2.00	0.450		
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.96	98.0	2.00	0.716		
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.80	96.7	6.00	0.791		
Total BTEX	<0.300	0.300	06/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	48.0	16.0	06/17/2024	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	06/17/2024	ND	195	97.6	200	5.16		
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	206	103	200	5.74		
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND						

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 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:	06/14/2024	Sampling Date:	06/14/2024
Reported:	06/18/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	MURCHISON - UL/ O SEC 2 T25S - R26E		

Sample ID: SW 37 B (H243485-39)

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	06/17/2024	ND	1.93	96.6	2.00	3.78	
Toluene*	<0.050	0.050	06/17/2024	ND	1.84	92.0	2.00	3.00	
Ethylbenzene*	<0.050	0.050	06/17/2024	ND	1.80	89.9	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/17/2024	ND	5.61	93.5	6.00	2.93	
Total BTEX	<0.300	0.300	06/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	06/17/2024	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	06/17/2024	ND	195	97.6	200	5.16	
DRO >C10-C28*	<10.0	10.0	06/17/2024	ND	206	103	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	06/17/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Coley D. Keene

Coley D. Keene, Lab Director/Quality Manager



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Page 42 of 45



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST																																							
Project Manager: Daniel Dominguez				Company: Murchison Oil & Gas																																									
Address: 4024 Plains Hwy				Attn: Greg Boans																																									
City: Lovington		State: NM		Zip: 88260																																									
Phone #: 575 393-3386		Fax #:		Address: 5325 Sierra Vista																																									
Project #:		Project Owner: Murchison Oil & Gas		City: Carlsbad																																									
Project Name: Ogden State 5a		State: NM		Zip: 88230																																									
Project Location: UL O Sec 2 T25S - R26E		Phone #: 575 706-0667		Fax #:																																									
Sampler Name: Jerry Heidelberg																																													
FOR LAB USE ONLY																																													
Lab I.D. Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX 8021											
11 FL171b		7'		C 1		1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X													
12 FL172b		5'		C 1		1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X													
13 FL173b		5'		C 1		1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X													
14 FL174b		5'		C 1		1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X													
15 FL175b		5'		C 1		1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X													
16 FL176b		5'		C 1		1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X													
17 FL177b		7'		C 1		1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X													
18 FL178b		7'		C 1		1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X													
19 FL179b		7'		C 1		1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X													
20 FL180b		7'		C 1		1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X													
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Relinquished By: [Signature]		Date: 6/10/24		Time: 10:31		Received By: [Signature]		Date: 6/14/24		Time: 10:31		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 #:		REMARKS: 48 hr RUSH!																									
Delivered By: (Circle One) 4-9c		Sample Condition Cool Intact		CHECKED BY: (Initials) [Signature]		Email results to: pm@hungry-horse.com		gboans@jdmii.com																																					
† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476																																													



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		P.O. #:		BILL TO		ANALYSIS REQUEST																																					
Project Manager: Daniel Dominguez		Address: 4024 Plains Hwy		City: Lovington		State: NM		Zip: 88260		Attn: Greg Boans		Company: Murchison Oil & Gas																															
Phone #: 575 393-3386		Fax #:		Project Owner: Murchison Oil & Gas		City: Carlsbad		State: NM		Zip: 88230		Phone #: 575 706-0667		Fax #:																													
Project Name: Ogden State 5a		Project Location: UL/ O Sec 2 T25S - R26E		Sampler Name: Jerry Heidelberg		Matrix:		PRESERV:		SAMPLING:		DATE:		TIME:																													
FOR LAB USE ONLY		Lab I.D. Sample I.D.		Depth		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME													
H243485		21		FL181b		7'		C 1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X									
		22		FL182b		5'		C 1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X									
		23		FL183b		5'		C 1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X									
		24		FL184b		5'		C 1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X									
		25		FL185b		5'		C 1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X									
		26		FL186b		5'		C 1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X									
		27		FL187b		5'		C 1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X									
		28		FL188b		5'		C 1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X									
		29		FL189b		16'		C 1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X									
		30		FL190b		16'		C 1		X		X		X		X		X		X		X		X		X		6/14/24		X		X		X									
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Relinquished By:		Date: 6/10/24		Time: 11:34		Received By:		Date: 6/14/24		Time: 11:42		REMARKS: 48 hr RUSH!																															
Delivered By: (Circle One)		Sample Condition		CHECKED BY: (Initials)																																							
Sampler - UPS - Bus - Other: <u>4.9.1c</u>		<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																							
+ Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																							



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

July 29, 2024

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: OGDEN STATE 5A

Enclosed are the results of analyses for samples received by the laboratory on 07/25/24 13:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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:	07/25/2024	Sampling Date:	07/24/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	OGDEN STATE 5A	Sampling Condition:	Cool & Intact
Project Number:	MURCHISON	Sample Received By:	Tamara Oldaker
Project Location:	UL/ O SEC 2 T25S - R26E		

Sample ID: TOPSOIL (H244443-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/26/2024	ND	1.95	97.3	2.00	4.07		
Toluene*	<0.050	0.050	07/26/2024	ND	1.92	96.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	07/26/2024	ND	1.96	97.9	2.00	2.94		
Total Xylenes*	<0.150	0.150	07/26/2024	ND	5.80	96.7	6.00	2.31		
Total BTEX	<0.300	0.300	07/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	48.0	16.0	07/26/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2024	ND	195	97.7	200	0.931	
DRO >C10-C28*	<10.0	10.0	07/26/2024	ND	184	91.8	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	07/26/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 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: 07/25/2024
 Reported: 07/29/2024
 Project Name: OGDEN STATE 5A
 Project Number: MURCHISON
 Project Location: UL/ O SEC 2 T25S - R26E

Sampling Date: 07/24/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CALICHE (H244443-02)

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	07/26/2024	ND	1.95	97.3	2.00	4.07	
Toluene*	<0.050	0.050	07/26/2024	ND	1.92	96.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	07/26/2024	ND	1.96	97.9	2.00	2.94	
Total Xylenes*	<0.150	0.150	07/26/2024	ND	5.80	96.7	6.00	2.31	
Total BTX	<0.300	0.300	07/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	80.0	16.0	07/26/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2024	ND	195	97.7	200	0.931	
DRO >C10-C28*	<10.0	10.0	07/26/2024	ND	184	91.8	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	07/26/2024	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

Released to Imaging: 8/21/2024 11:38:10 AM

Attachment VII
Boone Archaeological Consultants, LLC Archaeological Survey
CEHMM SSPS Survey



Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number: 154352

(if applicable)

Exhibit Type (select one)

☐ ARMS Inspection/Review - Summarize the results (select one):

- ☐ (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- ☐ (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- ☐ (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

☒ Archaeological Survey

Findings:

☒ **Negative** - No further archaeological review is required.

☐ **Positive** - Have avoidance and protection measures been devised? Select one:

Comments: Proposed remediation of the Ogden 5A Release. Archaeological survey was negative for cultural resources. See NMCRIS Activity No. 154352 Report for complete details of the survey.

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant: Boone Archaeological Resource Consultants LLC, BARC 10-23-59

Project Proponent (Applicant): Murchison Oil and Gas, LLC

Project Title/Description: A Class III Archaeological Survey for the Murchison Oil and Gas, LLC Ogden 5A Release, Eddy County, New Mexico

Project Location:

County(ies): Eddy County, NM

PLSS/Section/Township/Range: T25S R26E S2

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

☐

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22



CEHMM

Conservation & Environmental Services
505 North Main Street | Carlsbad, New Mexico 88220-5875
phone: (575)885-3700 | email: info@cehmm.org

MURCHISON OIL AND GAS, LLC.

OGDEN 5A RELEASE

SPECIAL STATUS PLANT SPECIES SURVEY REPORT

11/27/2023

TABLE OF CONTENTS

Summary.....1

Figure 1: SSPS Overview within the proposed project area.....2

SUMMARY

CEHMM conducted a Special Status Plant Species (SSPS) survey for Scheer's beehive cactus (*Coryphantha robustispina* ssp. *scheeri*), Gypsum milkvetch (*Astragalus gypsodes*) and gypsum wild buckwheat (*Eriogonum gypsophilum*) for the Murchison Oil and Gas, LLC Ogden 5A Release spill clean-up project (Project) on November 16, 2023. Per New Mexico State Land Office (SLO) regulations parallel transects for the SSPS survey spaced at 20 meters apart were walked, encompassing a 100-meter buffer around the Project in potential habitat for Scheer's beehive cactus and Gypsum milkvetch on SLO land

Field Notes from the survey indicate that no individuals of the Scheer's beehive cactus, Gypsum milkvetch or Gypsum wild buckwheat were observed within the 100-meter buffer of the Project.

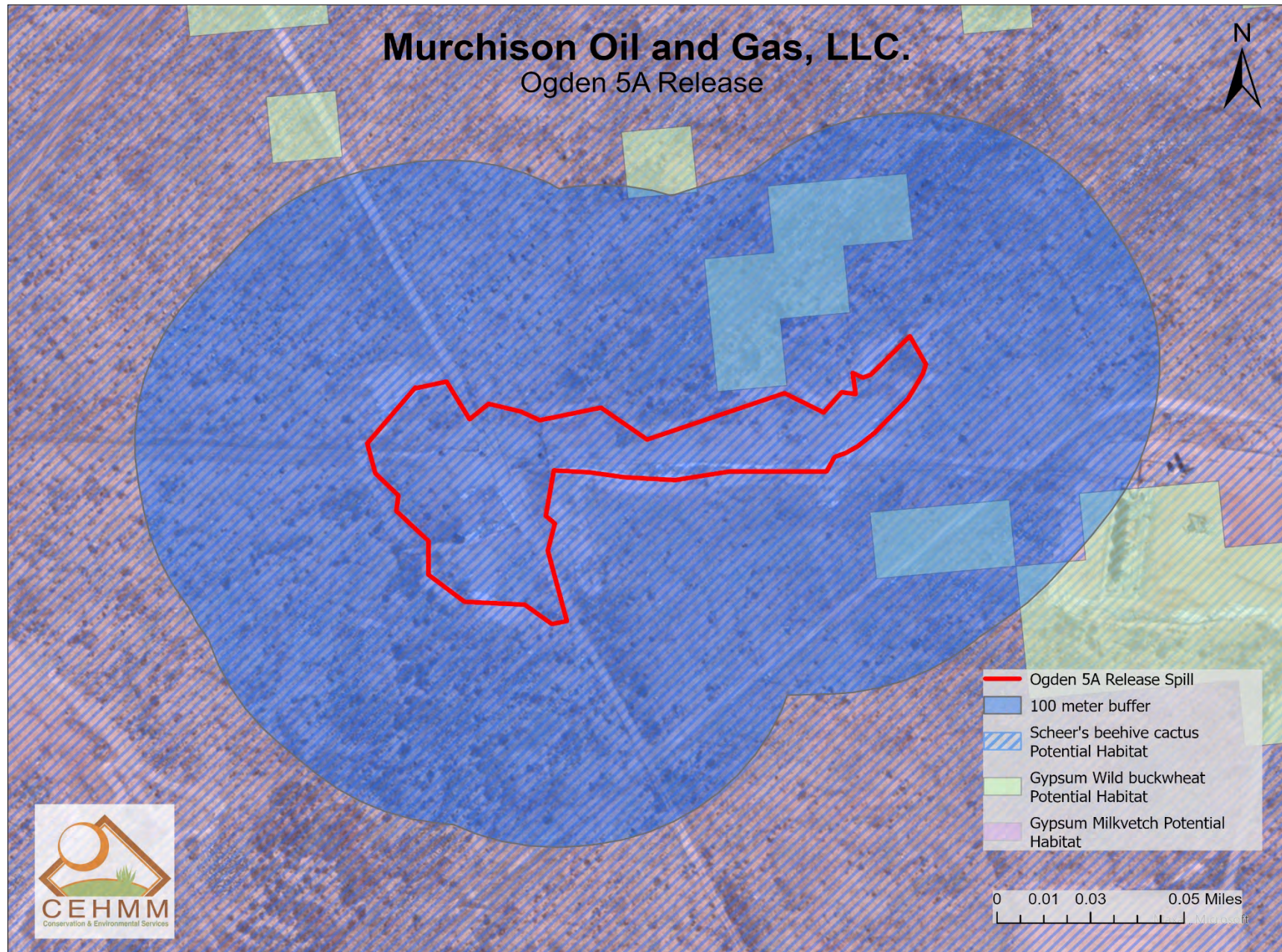


Figure 1: SSPS Overview within the proposed project area.

Attachment VIII

NMSLO Loamy Sites Seed Mixture

NMSLO Seed Mix**Loamy (L)****LOAMY (L) SITES SEED MIXTURE:**

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Grasses:			
Black grama	VNS, Southern	1.0	D
Blue grama	Lovington	1.0	D
Sideoats grama	Vaughn, El Reno	4.0	F
Sand dropseed	VNS, Southern	2.0	S
Alkali sacaton	VNS, Southern	1.0	
Little bluestem	Cimarron, Pastura	1.5	F
Forbs:			
Firewheel (<i>Gaillardia</i>)	VNS, Southern	1.0	D
Shrubs:			
Fourwing saltbush	Marana, Santa Rita	1.0	D
Common winterfat	VNS, Southern	0.5	F
Total PLS/acre		18.0	

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box

VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern – Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at <http://plants.usda.gov>.



Attachment IX

Listing of Soil Disposal Manifests

Load Number	Facility	Invoice #	Ticket ID	Manifest Date	Manifest #	Account	Generator	Ordered By	API #	Well Name	Well	Hauler Name	Driver	Product Name	Unit	Quantity
1	Red Bluff Landfill	RB26774	740-352353	5/1/2024	331541	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
2	Red Bluff Landfill	RB26774	740-352352	5/1/2024	331536	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CRIPRIANO	Contaminated Soil (RCRA Exempt)	yds	20
3	Red Bluff Landfill	RB26774	740-352351	5/1/2024	331535	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EDDIE	Contaminated Soil (RCRA Exempt)	yds	20
4	Red Bluff Landfill	RB26774	740-352350	5/1/2024	331537	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
5	Red Bluff Landfill	RB26774	740-352349	5/1/2024	331539	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
6	Red Bluff Landfill	RB26774	740-352348	5/1/2024	331547	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
7	Red Bluff Landfill	RB26774	740-352347	5/1/2024	331542	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
8	Red Bluff Landfill	RB26774	740-352346	5/1/2024	331531	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALFREDO	Contaminated Soil (RCRA Exempt)	yds	20
9	Red Bluff Landfill	RB26774	740-352332	5/1/2024	308368	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
10	Red Bluff Landfill	RB26774	740-352331	5/1/2024	331530	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
11	Red Bluff Landfill	RB26774	740-352330	5/1/2024	331532	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EDDIE	Contaminated Soil (RCRA Exempt)	yds	20
12	Red Bluff Landfill	RB26774	740-352329	5/1/2024	331527	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CIPRIANO	Contaminated Soil (RCRA Exempt)	yds	20
13	Red Bluff Landfill	RB26774	740-352328	5/1/2024	331534	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
14	Red Bluff Landfill	RB26774	740-352327	5/1/2024	331533	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
15	Red Bluff Landfill	RB26774	740-352326	5/1/2024	331528	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALFREDO	Contaminated Soil (RCRA Exempt)	yds	20
16	Red Bluff Landfill	RB26774	740-352325	5/1/2024	331529	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
17	Red Bluff Landfill	RB26774	740-352506	5/2/2024	331781	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EDUARDO	Contaminated Soil (RCRA Exempt)	yds	20
18	Red Bluff Landfill	RB26774	740-352461	5/2/2024	331549	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
19	Red Bluff Landfill	RB26774	740-352459	5/2/2024	331757	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
20	Red Bluff Landfill	RB26774	740-352458	5/2/2024	331760	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
21	Red Bluff Landfill	RB26774	740-352457	5/2/2024	331526	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yds	20
22	Red Bluff Landfill	RB26774	740-352456	5/2/2024	331797	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
23	Red Bluff Landfill	RB26774	740-352455	5/2/2024	331579	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
24	Red Bluff Landfill	RB26774	740-352454	5/2/2024	331749	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
25	Red Bluff Landfill	RB26774	740-352453	5/2/2024	331770	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
26	Red Bluff Landfill	RB26774	740-352452	5/2/2024	331765	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
27	Red Bluff Landfill	RB26774	740-352451	5/2/2024	331739	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CIPRIANO	Contaminated Soil (RCRA Exempt)	yds	20
28	Red Bluff Landfill	RB26774	740-352450	5/2/2024	331737	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
29	Red Bluff Landfill	RB26774	740-352449	5/2/2024	331824	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
30	Red Bluff Landfill	RB26774	740-352448	5/2/2024	331808	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EDDIE	Contaminated Soil (RCRA Exempt)	yds	20
31	Red Bluff Landfill	RB26774	740-352432	5/2/2024	331780	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EDUARDO	Contaminated Soil (RCRA Exempt)	yds	20
32	Red Bluff Landfill	RB26774	740-352431	5/2/2024	331552	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
33	Red Bluff Landfill	RB26774	740-352430	5/2/2024	331784	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yds	20
34	Red Bluff Landfill	RB26774	740-352429	5/2/2024	331786	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
35	Red Bluff Landfill	RB26774	740-352428	5/2/2024	331756	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
36	Red Bluff Landfill	RB26774	740-352427	5/2/2024	331771	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
37	Red Bluff Landfill	RB26774	740-352426	5/2/2024	331759	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
38	Red Bluff Landfill	RB26774	740-352425	5/2/2024	331764	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
39	Red Bluff Landfill	RB26774	740-352424	5/2/2024	331578	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
40	Red Bluff Landfill	RB26774	740-352423	5/2/2024	331745	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
41	Red Bluff Landfill	RB26774	740-352422	5/2/2024	331736	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
42	Red Bluff Landfill	RB26774	740-352421	5/2/2024	331734	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CIPRIANO	Contaminated Soil (RCRA Exempt)	yds	20
43	Red Bluff Landfill	RB26774	740-352420	5/2/2024	331744	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EDDIE	Contaminated Soil (RCRA Exempt)	yds	20
44	Red Bluff Landfill	RB26774	740-352419	5/2/2024	331632	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
45	Red Bluff Landfill	RB26774	740-352418	5/2/2024	331782	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
46	Red Bluff Landfill	RB26774	740-352417	5/2/2024	331783	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yds	20
47	Red Bluff Landfill	RB26774	740-352416	5/2/2024	331769	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EDUARDO	Contaminated Soil (RCRA Exempt)	yds	20
48	Red Bluff Landfill	RB26774	740-352415	5/2/2024	331768	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
49	Red Bluff Landfill	RB26774	740-352414	5/2/2024	331763	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
50	Red Bluff Landfill	RB26774	740-352413	5/2/2024	331550	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
51	Red Bluff Landfill	RB26774	740-352412	5/2/2024	331754	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DARIO	Contaminated Soil (RCRA Exempt)	yds	20

Load Number	Facility	Invoice #	Ticket ID	Manifest Date	Manifest #	Account	Generator	Ordered By	API #	Well Name	Well	Hauler Name	Driver	Product Name	Unit	Quantity
103	Red Bluff Landfill	RB26839	740-353152	5/6/2024	332558	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
104	Red Bluff Landfill	RB26839	740-353151	5/6/2024	332559	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
105	Red Bluff Landfill	RB26839	740-353148	5/6/2024	331810	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
106	Red Bluff Landfill	RB26839	740-353147	5/6/2024	332550	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
107	Red Bluff Landfill	RB26839	740-353146	5/6/2024	332532	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
108	Red Bluff Landfill	RB26839	740-353145	5/6/2024	332548	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EDUARDO	Contaminated Soil (RCRA Exempt)	yds	20
109	Red Bluff Landfill	RB26839	740-353144	5/6/2024	332537	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yds	20
110	Red Bluff Landfill	RB26839	740-353143	5/6/2024	332145	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yds	20
111	Red Bluff Landfill	RB26839	740-353142	5/6/2024	331551	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
112	Red Bluff Landfill	RB26839	740-353141	5/6/2024	332563	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
113	Red Bluff Landfill	RB26839	740-353140	5/6/2024	332512	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	22
114	Red Bluff Landfill	RB26839	740-353139	5/6/2024	331796	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
115	Red Bluff Landfill	RB26839	740-353138	5/6/2024	332506	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
116	Red Bluff Landfill	RB26839	740-353137	5/6/2024	332028	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
117	Red Bluff Landfill	RB26839	740-353136	5/6/2024	331553	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
118	Red Bluff Landfill	RB26839	740-353133	5/6/2024	332562	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
119	Red Bluff Landfill	RB26839	740-353131	5/6/2024	332528	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
120	Red Bluff Landfill	RB26839	740-353129	5/6/2024	332530	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EDUARDO	Contaminated Soil (RCRA Exempt)	yds	20
121	Red Bluff Landfill	RB26839	740-353127	5/6/2024	332149	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
122	Red Bluff Landfill	RB26839	740-353126	5/6/2024	331812	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
123	Red Bluff Landfill	RB26839	740-353124	5/6/2024	332536	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yds	20
124	Red Bluff Landfill	RB26839	740-353122	5/6/2024	332144	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CRISTIAN	Contaminated Soil (RCRA Exempt)	yds	20
125	Red Bluff Landfill	RB26839	740-353120	5/6/2024	332511	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	22
126	Red Bluff Landfill	RB26839	740-353117	5/6/2024	332531	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
127	Red Bluff Landfill	RB26839	740-353116	5/6/2024	331794	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
128	Red Bluff Landfill	RB26839	740-353115	5/6/2024	331994	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
129	Red Bluff Landfill	RB26839	740-353114	5/6/2024	332142	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yds	20
130	Red Bluff Landfill	RB26839	740-353113	5/6/2024	332045	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
131	Red Bluff Landfill	RB26839	740-353112	5/6/2024	332008	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
132	Red Bluff Landfill	RB26839	740-353111	5/6/2024	332505	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
133	Red Bluff Landfill	RB26839	740-353110	5/6/2024	332029	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
134	Red Bluff Landfill	RB26839	740-353109	5/6/2024	331548	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
135	Red Bluff Landfill	RB26839	740-353108	5/6/2024	332148	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
136	Red Bluff Landfill	RB26839	740-353107	5/6/2024	332004	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
137	Red Bluff Landfill	RB26839	740-353106	5/6/2024	332147	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
138	Red Bluff Landfill	RB26839	740-353105	5/6/2024	332146	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
139	Red Bluff Landfill	RB26839	740-353104	5/6/2024	332527	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
140	Red Bluff Landfill	RB26839	740-353103	5/6/2024	332529	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EDUARDO	Contaminated Soil (RCRA Exempt)	yds	20
141	Red Bluff Landfill	RB26839	740-353102	5/6/2024	331787	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
142	Red Bluff Landfill	RB26839	740-353101	5/6/2024	332151	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
143	Red Bluff Landfill	RB26839	740-353100	5/6/2024	332030	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
144	Red Bluff Landfill	RB26839	740-353099	5/6/2024	332150	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	22
145	Red Bluff Landfill	RB26839	740-353098	5/6/2024	332009	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
146	Red Bluff Landfill	RB26839	740-353097	5/6/2024	331856	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yds	20
147	Red Bluff Landfill	RB26839	740-353096	5/6/2024	332042	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIELS	Contaminated Soil (RCRA Exempt)	yds	20
148	Red Bluff Landfill	RB26839	740-353095	5/6/2024	332143	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CRISTIAN	Contaminated Soil (RCRA Exempt)	yds	20
149	Red Bluff Landfill	RB26839	740-353094	5/6/2024	331996	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
150	Red Bluff Landfill	RB26839	740-353093	5/6/2024	331998	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
151	Red Bluff Landfill	RB26839	740-353092	5/6/2024	331999	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yds	20
152	Red Bluff Landfill	RB26839	740-353562	5/7/2024	331767	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
153	Red Bluff Landfill	RB26839	740-353560	5/7/2024	332950	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20

Load Number	Facility	Invoice #	Ticket ID	Manifest Date	Manifest #	Account	Generator	Ordered By	API #	Well Name	Well	Hauler Name	Driver	Product Name	Unit	Quantity
154	Red Bluff Landfill	RB26839	740-353558	5/7/2024	332565	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
155	Red Bluff Landfill	RB26839	740-353557	5/7/2024	332877	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
156	Red Bluff Landfill	RB26839	740-353555	5/7/2024	332880	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yds	20
157	Red Bluff Landfill	RB26839	740-353553	5/7/2024	332533	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
158	Red Bluff Landfill	RB26839	740-353552	5/7/2024	332569	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
159	Red Bluff Landfill	RB26839	740-353550	5/7/2024	332710	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMEUL	Contaminated Soil (RCRA Exempt)	yds	20
160	Red Bluff Landfill	RB26839	740-353549	5/7/2024	332549	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
161	Red Bluff Landfill	RB26839	740-353547	5/7/2024	332848	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
162	Red Bluff Landfill	RB26839	740-353546	5/7/2024	332854	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
163	Red Bluff Landfill	RB26839	740-353544	5/7/2024	332522	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
164	Red Bluff Landfill	RB26839	740-353543	5/7/2024	332851	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
165	Red Bluff Landfill	RB26839	740-353542	5/7/2024	332517	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
166	Red Bluff Landfill	RB26839	740-353541	5/7/2024	332152	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
167	Red Bluff Landfill	RB26839	740-353540	5/7/2024	332874	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CRISTIAN	Contaminated Soil (RCRA Exempt)	yds	20
168	Red Bluff Landfill	RB26839	740-353539	5/7/2024	332564	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
169	Red Bluff Landfill	RB26839	740-353538	5/7/2024	332519	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
170	Red Bluff Landfill	RB26839	740-353537	5/7/2024	332534	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
171	Red Bluff Landfill	RB26839	740-353536	5/7/2024	332948	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
172	Red Bluff Landfill	RB26839	740-353535	5/7/2024	332539	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yds	20
173	Red Bluff Landfill	RB26839	740-353534	5/7/2024	332551	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
174	Red Bluff Landfill	RB26839	740-353533	5/7/2024	332568	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
175	Red Bluff Landfill	RB26839	740-353532	5/7/2024	332709	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
176	Red Bluff Landfill	RB26839	740-353530	5/7/2024	332847	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
177	Red Bluff Landfill	RB26839	740-353528	5/7/2024	332853	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
178	Red Bluff Landfill	RB26839	740-353515	5/7/2024	332561	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
179	Red Bluff Landfill	RB26839	740-353513	5/7/2024	332515	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CRISTIAN	Contaminated Soil (RCRA Exempt)	yds	20
180	Red Bluff Landfill	RB26839	740-353512	5/7/2024	332521	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
181	Red Bluff Landfill	RB26839	740-353511	5/7/2024	332507	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
182	Red Bluff Landfill	RB26839	740-353510	5/7/2024	332035	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
183	Red Bluff Landfill	RB26839	740-353509	5/7/2024	332005	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
184	Red Bluff Landfill	RB26839	740-353508	5/7/2024	332538	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yds	20
185	Red Bluff Landfill	RB26839	740-353507	5/7/2024	308369	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	oliver	Contaminated Soil (RCRA Exempt)	yds	20
186	Red Bluff Landfill	RB26839	740-353506	5/7/2024	332535	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
187	Red Bluff Landfill	RB26839	740-353505	5/7/2024	332043	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yds	20
188	Red Bluff Landfill	RB26839	740-353504	5/7/2024	332567	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
189	Red Bluff Landfill	RB26839	740-353503	5/7/2024	332711	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
190	Red Bluff Landfill	RB26839	740-353502	5/7/2024	331795	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
191	Red Bluff Landfill	RB26839	740-353501	5/7/2024	332560	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
192	Red Bluff Landfill	RB26839	740-353500	5/7/2024	332552	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
193	Red Bluff Landfill	RB26839	740-353499	5/7/2024	332044	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
194	Red Bluff Landfill	RB26839	740-353498	5/7/2024	332514	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CRISTIAN	Contaminated Soil (RCRA Exempt)	yds	20
195	Red Bluff Landfill	RB26839	740-353497	5/7/2024	332523	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
196	Red Bluff Landfill	RB26839	740-353496	5/7/2024	332518	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
197	Red Bluff Landfill	RB26839	740-353835	5/8/2024	333009	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALDO	Contaminated Soil (RCRA Exempt)	yds	20
198	Red Bluff Landfill	RB26839	740-353834	5/8/2024	333001	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
199	Red Bluff Landfill	RB26839	740-353833	5/8/2024	332971	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
200	Red Bluff Landfill	RB26839	740-353832	5/8/2024	333141	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
201	Red Bluff Landfill	RB26839	740-353831	5/8/2024	332850	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
202	Red Bluff Landfill	RB26839	740-353830	5/8/2024	332034	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
203	Red Bluff Landfill	RB26839	740-353829	5/8/2024	332856	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
204	Red Bluff Landfill	RB26839	740-353828	5/8/2024	332524	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yds	20

Load Number	Facility	Invoice #	Ticket ID	Manifest Date	Manifest #	Account	Generator	Ordered By	API #	Well Name	Well	Hauler Name	Driver	Product Name	Unit	Quantity
205	Red Bluff Landfill	RB26839	740-353827	5/8/2024	332881	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yds	20
206	Red Bluff Landfill	RB26839	740-353826	5/8/2024	332875	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CRISTIAN	Contaminated Soil (RCRA Exempt)	yds	20
207	Red Bluff Landfill	RB26839	740-353825	5/8/2024	332554	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
208	Red Bluff Landfill	RB26839	740-353824	5/8/2024	332978	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
209	Red Bluff Landfill	RB26839	740-353823	5/8/2024	331742	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
210	Red Bluff Landfill	RB26839	740-353822	5/8/2024	332868	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
211	Red Bluff Landfill	RB26839	740-353821	5/8/2024	333128	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
212	Red Bluff Landfill	RB26839	740-353820	5/8/2024	332933	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
213	Red Bluff Landfill	RB26839	740-353819	5/8/2024	332930	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
214	Red Bluff Landfill	RB26839	740-353818	5/8/2024	333004	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALDO	Contaminated Soil (RCRA Exempt)	yds	20
215	Red Bluff Landfill	RB26839	740-353817	5/8/2024	333002	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OGDEN	Contaminated Soil (RCRA Exempt)	yds	20
216	Red Bluff Landfill	RB26839	740-353816	5/8/2024	331741	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
217	Red Bluff Landfill	RB26839	740-353815	5/8/2024	332979	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
218	Red Bluff Landfill	RB26839	740-353814	5/8/2024	332555	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
219	Red Bluff Landfill	RB26839	740-353813	5/8/2024	332857	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
220	Red Bluff Landfill	RB26839	740-353812	5/8/2024	332982	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
221	Red Bluff Landfill	RB26839	740-353811	5/8/2024	332981	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yds	20
222	Red Bluff Landfill	RB26839	740-353810	5/8/2024	332969	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
223	Red Bluff Landfill	RB26839	740-353809	5/8/2024	332033	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
224	Red Bluff Landfill	RB26839	740-353808	5/8/2024	332712	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
225	Red Bluff Landfill	RB26839	740-353807	5/8/2024	332525	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yds	20
226	Red Bluff Landfill	RB26839	740-353806	5/8/2024	332972	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
227	Red Bluff Landfill	RB26839	740-353805	5/8/2024	332849	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
228	Red Bluff Landfill	RB26839	740-353804	5/8/2024	332872	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CRISTIAN	Contaminated Soil (RCRA Exempt)	yds	20
229	Red Bluff Landfill	RB26839	740-353803	5/8/2024	332931	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
230	Red Bluff Landfill	RB26839	740-353802	5/8/2024	332935	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
231	Red Bluff Landfill	RB26839	740-353770	5/8/2024	332949	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
232	Red Bluff Landfill	RB26839	740-353768	5/8/2024	333010	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALDO	Contaminated Soil (RCRA Exempt)	yds	20
233	Red Bluff Landfill	RB26839	740-353767	5/8/2024	332873	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CRISTIAN	Contaminated Soil (RCRA Exempt)	yds	20
234	Red Bluff Landfill	RB26839	740-353766	5/8/2024	333145	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
235	Red Bluff Landfill	RB26839	740-353765	5/8/2024	333127	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
236	Red Bluff Landfill	RB26839	740-353764	5/8/2024	332852	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
237	Red Bluff Landfill	RB26839	740-353763	5/8/2024	332871	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
238	Red Bluff Landfill	RB26839	740-353761	5/8/2024	332977	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
239	Red Bluff Landfill	RB26839	740-353760	5/8/2024	332882	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yds	20
240	Red Bluff Landfill	RB26839	740-353758	5/8/2024	332970	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
241	Red Bluff Landfill	RB26839	740-353757	5/8/2024	333147	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yds	20
242	Red Bluff Landfill	RB26839	740-353755	5/8/2024	333148	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yds	20
243	Red Bluff Landfill	RB26839	740-353754	5/8/2024	333223	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yds	20
244	Red Bluff Landfill	RB26839	740-353753	5/8/2024	332553	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
245	Red Bluff Landfill	RB26839	740-353751	5/8/2024	332855	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
246	Red Bluff Landfill	RB26839	740-353750	5/8/2024	332508	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
247	Red Bluff Landfill	RB26839	740-353748	5/8/2024	333003	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LERENZO	Contaminated Soil (RCRA Exempt)	yds	20
248	Red Bluff Landfill	RB26839	740-353747	5/8/2024	332929	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
249	Red Bluff Landfill	RB26839	740-353745	5/8/2024	332934	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
250	Red Bluff Landfill	RB26839	740-353514	5/8/2024	332516	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
251	Red Bluff Landfill	RB26839	740-353970	5/9/2024	333006	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
252	Red Bluff Landfill	RB26839	740-353969	5/9/2024	333462	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	AKDO	Contaminated Soil (RCRA Exempt)	yds	20
253	Red Bluff Landfill	RB26839	740-353968	5/9/2024	333253	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
254	Red Bluff Landfill	RB26839	740-353967	5/9/2024	333495	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
255	Red Bluff Landfill	RB26839	740-353966	5/9/2024	333240	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20

Load Number	Facility	Invoice #	Ticket ID	Manifest Date	Manifest #	Account	Generator	Ordered By	API #	Well Name	Well	Hauler Name	Driver	Product Name	Unit	Quantity
256	Red Bluff Landfill	RB26839	740-353965	5/9/2024	333259	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
257	Red Bluff Landfill	RB26839	740-353964	5/9/2024	333400	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yds	20
258	Red Bluff Landfill	RB26839	740-353963	5/9/2024	333273	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yds	20
259	Red Bluff Landfill	RB26839	740-353962	5/9/2024	332980	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
260	Red Bluff Landfill	RB26839	740-353961	5/9/2024	333260	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
261	Red Bluff Landfill	RB26839	740-353960	5/9/2024	333280	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yds	20
262	Red Bluff Landfill	RB26839	740-353959	5/9/2024	333136	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CRISTIAN	Contaminated Soil (RCRA Exempt)	yds	20
263	Red Bluff Landfill	RB26839	740-353958	5/9/2024	333288	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
264	Red Bluff Landfill	RB26839	740-353957	5/9/2024	333283	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
265	Red Bluff Landfill	RB26839	740-353956	5/9/2024	333142	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
266	Red Bluff Landfill	RB26839	740-353955	5/9/2024	332936	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
267	Red Bluff Landfill	RB26839	740-353954	5/9/2024	332510	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
268	Red Bluff Landfill	RB26839	740-353952	5/9/2024	332925	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
269	Red Bluff Landfill	RB26839	740-353944	5/9/2024	333463	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALDO	Contaminated Soil (RCRA Exempt)	yds	20
270	Red Bluff Landfill	RB26839	740-353943	5/9/2024	333254	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
271	Red Bluff Landfill	RB26839	740-353942	5/9/2024	333005	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
272	Red Bluff Landfill	RB26839	740-353910	5/9/2024	333239	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
273	Red Bluff Landfill	RB26839	740-353909	5/9/2024	333272	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yds	20
274	Red Bluff Landfill	RB26839	740-353908	5/9/2024	33268	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
275	Red Bluff Landfill	RB26839	740-353907	5/9/2024	332869	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
276	Red Bluff Landfill	RB26839	740-353906	5/9/2024	333261	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
277	Red Bluff Landfill	RB26839	740-353905	5/9/2024	333132	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CRISTIAN	Contaminated Soil (RCRA Exempt)	yds	20
278	Red Bluff Landfill	RB26839	740-353904	5/9/2024	333279	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yds	20
279	Red Bluff Landfill	RB26839	740-353903	5/9/2024	333281	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
280	Red Bluff Landfill	RB26839	740-353902	5/9/2024	333143	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
281	Red Bluff Landfill	RB26839	740-353901	5/9/2024	332557	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
282	Red Bluff Landfill	RB26839	740-353900	5/9/2024	332878	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yds	20
283	Red Bluff Landfill	RB26839	740-353899	5/9/2024	333420	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
284	Red Bluff Landfill	RB26839	740-353893	5/9/2024	333130	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
285	Red Bluff Landfill	RB26839	740-353892	5/9/2024	332923	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
286	Red Bluff Landfill	RB26839	740-353891	5/9/2024	332937	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
287	Red Bluff Landfill	RB26839	740-353887	5/9/2024	333252	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
288	Red Bluff Landfill	RB26839	740-353884	5/9/2024	333453	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALDO	Contaminated Soil (RCRA Exempt)	yds	20
289	Red Bluff Landfill	RB26839	740-353883	5/9/2024	333007	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
290	Red Bluff Landfill	RB26839	740-353882	5/9/2024	332876	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yds	20
291	Red Bluff Landfill	RB26839	740-353881	5/9/2024	333238	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
292	Red Bluff Landfill	RB26839	740-353880	5/9/2024	333265	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
293	Red Bluff Landfill	RB26839	740-353879	5/9/2024	333271	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yds	20
294	Red Bluff Landfill	RB26839	740-353878	5/9/2024	333134	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CRISTIAN	Contaminated Soil (RCRA Exempt)	yds	20
295	Red Bluff Landfill	RB26839	740-353877	5/9/2024	333278	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yds	20
296	Red Bluff Landfill	RB26839	740-353876	5/9/2024	332870	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
297	Red Bluff Landfill	RB26839	740-353875	5/9/2024	333282	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
298	Red Bluff Landfill	RB26839	740-353874	5/9/2024	333262	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
299	Red Bluff Landfill	RB26839	740-353873	5/9/2024	332509	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
300	Red Bluff Landfill	RB26839	740-353872	5/9/2024	332556	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
301	Red Bluff Landfill	RB26839	740-353871	5/9/2024	333144	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
302	Red Bluff Landfill	RB26839	740-353870	5/9/2024	333129	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
303	Red Bluff Landfill	RB26839	740-353869	5/9/2024	332924	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
304	Red Bluff Landfill	RB26839	740-353868	5/9/2024	332938	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
305	Red Bluff Landfill	RB26839	740-354138	5/10/2024	333307	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
306	Red Bluff Landfill	RB26839	740-354135	5/10/2024	333290	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20

Load Number	Facility	Invoice #	Ticket ID	Manifest Date	Manifest #	Account	Generator	Ordered By	API #	Well Name	Well	Hauler Name	Driver	Product Name	Unit	Quantity
307	Red Bluff Landfill	RB26839	740-354134	5/10/2024	333480	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
308	Red Bluff Landfill	RB26839	740-354133	5/10/2024	333150	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yds	20
309	Red Bluff Landfill	RB26839	740-354131	5/10/2024	333270	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
310	Red Bluff Landfill	RB26839	740-354130	5/10/2024	333696	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
311	Red Bluff Landfill	RB26839	740-354128	5/10/2024	333402	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEOPALDO	Contaminated Soil (RCRA Exempt)	yds	20
312	Red Bluff Landfill	RB26839	740-354126	5/10/2024	333276	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yds	20
313	Red Bluff Landfill	RB26839	740-354125	5/10/2024	333499	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAVIER	Contaminated Soil (RCRA Exempt)	yds	20
314	Red Bluff Landfill	RB26839	740-354123	5/10/2024	333429	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
315	Red Bluff Landfill	RB26839	740-354124	5/10/2024	332858	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
316	Red Bluff Landfill	RB26839	740-354122	5/10/2024	333135	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CRISTIAN	Contaminated Soil (RCRA Exempt)	yds	20
317	Red Bluff Landfill	RB26839	740-354121	5/10/2024	333671	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
318	Red Bluff Landfill	RB26839	740-354120	5/10/2024	332974	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
319	Red Bluff Landfill	RB26839	740-354119	5/10/2024	333256	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
320	Red Bluff Landfill	RB26839	740-354116	5/10/2024	333498	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
321	Red Bluff Landfill	RB26839	740-354115	5/10/2024	333399	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
322	Red Bluff Landfill	RB26839	740-354114	5/10/2024	332926	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
323	Red Bluff Landfill	RB26839	740-354113	5/10/2024	333008	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
324	Red Bluff Landfill	RB26839	740-354109	5/10/2024	333151	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yds	20
325	Red Bluff Landfill	RB26839	740-354106	5/10/2024	333242	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
326	Red Bluff Landfill	RB26839	740-354103	5/10/2024	333275	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yds	20
327	Red Bluff Landfill	RB26839	740-354102	5/10/2024	333269	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
328	Red Bluff Landfill	RB26839	740-354101	5/10/2024	333688	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
329	Red Bluff Landfill	RB26839	740-354100	5/10/2024	333289	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
330	Red Bluff Landfill	RB26839	740-354097	5/10/2024	333133	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CRISITAN	Contaminated Soil (RCRA Exempt)	yds	20
331	Red Bluff Landfill	RB26839	740-354096	5/10/2024	333284	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
332	Red Bluff Landfill	RB26839	740-354095	5/10/2024	333401	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yds	20
333	Red Bluff Landfill	RB26839	740-354094	5/10/2024	333264	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
334	Red Bluff Landfill	RB26839	740-354093	5/10/2024	333428	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
335	Red Bluff Landfill	RB26839	740-354092	5/10/2024	332975	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
336	Red Bluff Landfill	RB26839	740-354091	5/10/2024	333500	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAVIER	Contaminated Soil (RCRA Exempt)	yds	20
337	Red Bluff Landfill	RB26839	740-354090	5/10/2024	333255	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
338	Red Bluff Landfill	RB26839	740-354089	5/10/2024	333496	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
339	Red Bluff Landfill	RB26839	740-354082	5/10/2024	332932	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
340	Red Bluff Landfill	RB26839	740-354081	5/10/2024	332940	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
341	Red Bluff Landfill	RB26839	740-354079	5/10/2024	333306	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
342	Red Bluff Landfill	RB26839	740-354075	5/10/2024	333149	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yds	20
343	Red Bluff Landfill	RB26839	740-354074	5/10/2024	333241	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
344	Red Bluff Landfill	RB26839	740-354073	5/10/2024	333266	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
345	Red Bluff Landfill	RB26839	740-354072	5/10/2024	333687	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
346	Red Bluff Landfill	RB26839	740-354071	5/10/2024	333274	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OSCAR	Contaminated Soil (RCRA Exempt)	yds	20
347	Red Bluff Landfill	RB26839	740-354070	5/10/2024	333138	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CRISTIAN	Contaminated Soil (RCRA Exempt)	yds	20
348	Red Bluff Landfill	RB26839	740-354067	5/10/2024	332859	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
349	Red Bluff Landfill	RB26839	740-354066	5/10/2024	332976	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
350	Red Bluff Landfill	RB26839	740-354064	5/10/2024	333263	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
351	Red Bluff Landfill	RB26839	740-354063	5/10/2024	333257	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
352	Red Bluff Landfill	RB26839	740-354062	5/10/2024	333408	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yds	20
353	Red Bluff Landfill	RB26839	740-354061	5/10/2024	333291	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
354	Red Bluff Landfill	RB26839	740-354060	5/10/2024	333421	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
355	Red Bluff Landfill	RB26839	740-354059	5/10/2024	333425	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
356	Red Bluff Landfill	RB26839	740-354058	5/10/2024	333497	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
357	Red Bluff Landfill	RB26839	740-354057	5/10/2024	333501	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAVIER	Contaminated Soil (RCRA Exempt)	yds	20

Load Number	Facility	Invoice #	Ticket ID	Manifest Date	Manifest #	Account	Generator	Ordered By	API #	Well Name	Well	Hauler Name	Driver	Product Name	Unit	Quantity
358	Red Bluff Landfill	RB26839	740-354053	5/10/2024	332928	MURCHISON	MURCHISON	CRAIG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
359	Red Bluff Landfill	RB26839	740-354052	5/10/2024	332939	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
360	Red Bluff Landfill	RB26922	740-354514	5/13/2024	333482	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
361	Red Bluff Landfill	RB26922	740-354465	5/13/2024	334054	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yds	20
362	Red Bluff Landfill	RB26922	740-354464	5/13/2024	333680	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
363	Red Bluff Landfill	RB26922	740-354463	5/13/2024	333690	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	VINCENTE	Contaminated Soil (RCRA Exempt)	yds	20
364	Red Bluff Landfill	RB26922	740-354462	5/13/2024	334078	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
365	Red Bluff Landfill	RB26922	740-354461	5/13/2024	333672	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
366	Red Bluff Landfill	RB26922	740-354459	5/13/2024	333423	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
367	Red Bluff Landfill	RB26922	740-354458	5/13/2024	333153	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yds	20
368	Red Bluff Landfill	RB26922	740-354457	5/13/2024	333206	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
369	Red Bluff Landfill	RB26922	740-354455	5/13/2024	334045	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
370	Red Bluff Landfill	RB26922	740-354454	5/13/2024	333599	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAVIER	Contaminated Soil (RCRA Exempt)	yds	20
371	Red Bluff Landfill	RB26922	740-354453	5/13/2024	333293	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
372	Red Bluff Landfill	RB26922	740-354452	5/13/2024	334046	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
373	Red Bluff Landfill	RB26922	740-354451	5/13/2024	333730	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
374	Red Bluff Landfill	RB26922	740-354450	5/13/2024	333207	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
375	Red Bluff Landfill	RB26922	740-354449	5/13/2024	334122	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yds	20
376	Red Bluff Landfill	RB26922	740-354448	5/13/2024	333598	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAVIER	Contaminated Soil (RCRA Exempt)	yds	20
377	Red Bluff Landfill	RB26922	740-354447	5/13/2024	333294	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
378	Red Bluff Landfill	RB26922	740-354446	5/13/2024	333679	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
379	Red Bluff Landfill	RB26922	740-354445	5/13/2024	333691	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	VINCENT	Contaminated Soil (RCRA Exempt)	yds	20
380	Red Bluff Landfill	RB26922	740-354444	5/13/2024	334079	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
381	Red Bluff Landfill	RB26922	740-354443	5/13/2024	333674	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
382	Red Bluff Landfill	RB26922	740-354442	5/13/2024	334055	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yds	20
383	Red Bluff Landfill	RB26922	740-354441	5/13/2024	333430	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
384	Red Bluff Landfill	RB26922	740-354456	5/13/2024	333732	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
385	Red Bluff Landfill	RB26922	740-354422	5/13/2024	333292	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
386	Red Bluff Landfill	RB26922	740-354387	5/13/2024	333139	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
387	Red Bluff Landfill	RB26922	740-354386	5/13/2024	333681	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
388	Red Bluff Landfill	RB26922	740-354384	5/13/2024	333131	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
389	Red Bluff Landfill	RB26922	740-354383	5/13/2024	333673	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
390	Red Bluff Landfill	RB26922	740-354379	5/13/2024	334053	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yds	20
391	Red Bluff Landfill	RB26922	740-354378	5/13/2024	333424	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	EFRAIN	Contaminated Soil (RCRA Exempt)	yds	20
392	Red Bluff Landfill	RB26922	740-354377	5/13/2024	333208	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
393	Red Bluff Landfill	RB26922	740-354376	5/13/2024	333601	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAVIER	Contaminated Soil (RCRA Exempt)	yds	20
394	Red Bluff Landfill	RB26922	740-354375	5/13/2024	333731	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
395	Red Bluff Landfill	RB26922	740-354374	5/13/2024	333152	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yds	20
396	Red Bluff Landfill	RB26922	740-354372	5/13/2024	333422	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
397	Red Bluff Landfill	RB26922	740-354632	5/14/2024	333694	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	VICENTE	Contaminated Soil (RCRA Exempt)	yds	20
398	Red Bluff Landfill	RB26922	740-354625	5/14/2024	334094	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
399	Red Bluff Landfill	RB26922	740-354623	5/14/2024	334359	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CIPRIANO	Contaminated Soil (RCRA Exempt)	yds	20
400	Red Bluff Landfill	RB26922	740-354610	5/14/2024	333484	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
401	Red Bluff Landfill	RB26922	740-354606	5/14/2024	334059	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yds	20
402	Red Bluff Landfill	RB26922	740-354604	5/14/2024	334124	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yds	20
403	Red Bluff Landfill	RB26922	740-354602	5/14/2024	332927	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
404	Red Bluff Landfill	RB26922	740-354601	5/14/2024	333735	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
405	Red Bluff Landfill	RB26922	740-354588	5/14/2024	334081	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
406	Red Bluff Landfill	RB26922	740-354587	5/14/2024	334093	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
407	Red Bluff Landfill	RB26922	740-354585	5/14/2024	332987	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CIPRIANO	Contaminated Soil (RCRA Exempt)	yds	20
408	Red Bluff Landfill	RB26922	740-354584	5/14/2024	333693	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	VICENTE	Contaminated Soil (RCRA Exempt)	yds	20

Load Number	Facility	Invoice #	Ticket ID	Manifest Date	Manifest #	Account	Generator	Ordered By	API #	Well Name	Well	Hauler Name	Driver	Product Name	Unit	Quantity
409	Red Bluff Landfill	RB26922	740-354582	5/14/2024	333485	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
410	Red Bluff Landfill	RB26922	740-354581	5/14/2024	333719	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yds	20
411	Red Bluff Landfill	RB26922	740-354580	5/14/2024	334058	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yds	20
412	Red Bluff Landfill	RB26922	740-354578	5/14/2024	334123	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yds	20
413	Red Bluff Landfill	RB26922	740-354576	5/14/2024	334080	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
414	Red Bluff Landfill	RB26922	740-354575	5/14/2024	333209	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
415	Red Bluff Landfill	RB26922	740-354574	5/14/2024	333734	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
416	Red Bluff Landfill	RB26922	740-354573	5/14/2024	334092	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
417	Red Bluff Landfill	RB26922	740-354571	5/14/2024	333692	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	VICENTE	Contaminated Soil (RCRA Exempt)	yds	20
418	Red Bluff Landfill	RB26922	740-354570	5/14/2024	334056	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAUL	Contaminated Soil (RCRA Exempt)	yds	20
419	Red Bluff Landfill	RB26922	740-354568	5/14/2024	333486	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
420	Red Bluff Landfill	RB26922	740-354567	5/14/2024	332986	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CIPIRANO	Contaminated Soil (RCRA Exempt)	yds	20
421	Red Bluff Landfill	RB26922	740-354565	5/14/2024	334121	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LERENZO	Contaminated Soil (RCRA Exempt)	yds	20
422	Red Bluff Landfill	RB26922	740-354564	5/14/2024	334082	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LENARDO	Contaminated Soil (RCRA Exempt)	yds	20
423	Red Bluff Landfill	RB26922	740-354562	5/14/2024	333683	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MATEO	Contaminated Soil (RCRA Exempt)	yds	20
424	Red Bluff Landfill	RB26922	740-354560	5/14/2024	333210	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
425	Red Bluff Landfill	RB26922	740-354559	5/14/2024	333733	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
426	Red Bluff Landfill	RB26922	740-354525	5/14/2024	334091	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
427	Red Bluff Landfill	RB26922	740-354798	5/15/2024	334406	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
428	Red Bluff Landfill	RB26922	740-354797	5/15/2024	334077	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALFREDO	Contaminated Soil (RCRA Exempt)	yds	20
429	Red Bluff Landfill	RB26922	740-354796	5/15/2024	334187	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
430	Red Bluff Landfill	RB26922	740-354795	5/15/2024	334439	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	VICENTE	Contaminated Soil (RCRA Exempt)	yds	20
431	Red Bluff Landfill	RB26922	740-354794	5/15/2024	333736	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
432	Red Bluff Landfill	RB26922	740-354793	5/15/2024	333738	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
433	Red Bluff Landfill	RB26922	740-354792	5/15/2024	334354	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CIPRIANO	Contaminated Soil (RCRA Exempt)	yds	20
434	Red Bluff Landfill	RB26922	740-354791	5/15/2024	334296	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
435	Red Bluff Landfill	RB26922	740-354790	5/15/2024	334568	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
436	Red Bluff Landfill	RB26922	740-354789	5/15/2024	334130	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yds	20
437	Red Bluff Landfill	RB26922	740-354771	5/15/2024	334047	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
438	Red Bluff Landfill	RB26922	740-354770	5/15/2024	664065	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAVIER	Contaminated Soil (RCRA Exempt)	yds	20
439	Red Bluff Landfill	RB26922	740-354769	5/15/2024	334087	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
440	Red Bluff Landfill	RB26922	740-354752	5/15/2024	334172	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
441	Red Bluff Landfill	RB26922	740-354751	5/15/2024	334076	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALFREDO	Contaminated Soil (RCRA Exempt)	yds	20
442	Red Bluff Landfill	RB26922	740-354750	5/15/2024	334405	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
443	Red Bluff Landfill	RB26922	740-354749	5/15/2024	334355	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CIPRIANO	Contaminated Soil (RCRA Exempt)	yds	20
444	Red Bluff Landfill	RB26922	740-354748	5/15/2024	334295	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
445	Red Bluff Landfill	RB26922	740-354747	5/15/2024	334188	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
446	Red Bluff Landfill	RB26922	740-354746	5/15/2024	334440	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	VICENTE	Contaminated Soil (RCRA Exempt)	yds	20
447	Red Bluff Landfill	RB26922	740-354745	5/15/2024	333740	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
448	Red Bluff Landfill	RB26922	740-354744	5/15/2024	333739	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
449	Red Bluff Landfill	RB26922	740-354743	5/15/2024	334129	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LOREZO	Contaminated Soil (RCRA Exempt)	yds	20
450	Red Bluff Landfill	RB26922	740-354742	5/15/2024	334085	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
451	Red Bluff Landfill	RB26922	740-354741	5/15/2024	334048	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JIAME	Contaminated Soil (RCRA Exempt)	yds	20
452	Red Bluff Landfill	RB26922	740-354740	5/15/2024	333600	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAVIER	Contaminated Soil (RCRA Exempt)	yds	20
453	Red Bluff Landfill	RB26922	740-354739	5/15/2024	334353	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CIPRIANO	Contaminated Soil (RCRA Exempt)	yds	20
454	Red Bluff Landfill	RB26922	740-354738	5/15/2024	334294	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
455	Red Bluff Landfill	RB26922	740-354737	5/15/2024	334404	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
456	Red Bluff Landfill	RB26922	740-354736	5/15/2024	334075	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALFREDO	Contaminated Soil (RCRA Exempt)	yds	20
457	Red Bluff Landfill	RB26922	740-354735	5/15/2024	334441	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	VICENTE	Contaminated Soil (RCRA Exempt)	yds	20
458	Red Bluff Landfill	RB26922	740-354734	5/15/2024	334049	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
459	Red Bluff Landfill	RB26922	740-354733	5/15/2024	334186	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20

Load Number	Facility	Invoice #	Ticket ID	Manifest Date	Manifest #	Account	Generator	Ordered By	API #	Well Name	Well	Hauler Name	Driver	Product Name	Unit	Quantity
460	Red Bluff Landfill	RB26922	740-354732	5/15/2024	333741	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
461	Red Bluff Landfill	RB26922	740-354731	5/15/2024	333743	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
462	Red Bluff Landfill	RB26922	740-354730	5/15/2024	334084	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
463	Red Bluff Landfill	RB26922	740-354709	5/15/2024	334128	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yds	20
464	Red Bluff Landfill	RB26922	740-354708	5/15/2024	334064	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAVIER	Contaminated Soil (RCRA Exempt)	yds	20
465	Red Bluff Landfill	RB26922	740-354937	5/16/2024	334543	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
466	Red Bluff Landfill	RB26922	740-354936	5/16/2024	334542	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
467	Red Bluff Landfill	RB26922	740-354935	5/16/2024	334554	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
468	Red Bluff Landfill	RB26922	740-354934	5/16/2024	333737	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
469	Red Bluff Landfill	RB26922	740-354915	5/16/2024	334090	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEONARDO	Contaminated Soil (RCRA Exempt)	yds	20
470	Red Bluff Landfill	RB26922	740-354907	5/16/2024	334443	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	VICENTE	Contaminated Soil (RCRA Exempt)	yds	20
471	Red Bluff Landfill	RB26922	740-354906	5/16/2024	334125	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LORENZO	Contaminated Soil (RCRA Exempt)	yds	20
472	Red Bluff Landfill	RB26922	740-354905	5/16/2024	334788	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAVIER	Contaminated Soil (RCRA Exempt)	yds	20
473	Red Bluff Landfill	RB26922	740-354903	5/16/2024	333747	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
474	Red Bluff Landfill	RB26922	740-354902	5/16/2024	334546	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALFREDO	Contaminated Soil (RCRA Exempt)	yds	20
475	Red Bluff Landfill	RB26922	740-354901	5/16/2024	334050	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
476	Red Bluff Landfill	RB26922	740-354888	5/16/2024	334544	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
477	Red Bluff Landfill	RB26922	740-354887	5/16/2024	333742	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
478	Red Bluff Landfill	RB26952	740-355528	5/21/2024	335576	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
479	Red Bluff Landfill	RB26952	740-355527	5/21/2024	335577	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
480	Red Bluff Landfill	RB26952	740-355512	5/21/2024	334955	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
481	Red Bluff Landfill	RB26952	740-355511	5/21/2024	334956	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
482	Red Bluff Landfill	RB26952	740-355497	5/21/2024	334954	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
483	Red Bluff Landfill	RB26952	740-355496	5/21/2024	334953	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
484	Red Bluff Landfill	RB27198	740-357863	6/11/2024	334569	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
485	Red Bluff Landfill	RB27198	740-357862	6/11/2024	338794	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
486	Red Bluff Landfill	RB27198	740-357861	6/11/2024	338791	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
487	Red Bluff Landfill	RB27198	740-357860	6/11/2024	338803	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
488	Red Bluff Landfill	RB27198	740-357859	6/11/2024	338797	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
489	Red Bluff Landfill	RB27198	740-357858	6/11/2024	334401	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
490	Red Bluff Landfill	RB27198	740-357857	6/11/2024	334396	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yds	20
491	Red Bluff Landfill	RB27198	740-357856	6/11/2024	334549	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
492	Red Bluff Landfill	RB27198	740-357855	6/11/2024	338774	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
493	Red Bluff Landfill	RB27198	740-357854	6/11/2024	334556	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALFREDO	Contaminated Soil (RCRA Exempt)	yds	20
494	Red Bluff Landfill	RB27198	740-357853	6/11/2024	335581	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
495	Red Bluff Landfill	RB27198	740-357852	6/11/2024	338767	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
496	Red Bluff Landfill	RB27198	740-357851	6/11/2024	338808	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JOSI	Contaminated Soil (RCRA Exempt)	yds	20
497	Red Bluff Landfill	RB27198	740-357842	6/11/2024	334570	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
498	Red Bluff Landfill	RB27198	740-357841	6/11/2024	338793	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
499	Red Bluff Landfill	RB27198	740-357840	6/11/2024	338790	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
500	Red Bluff Landfill	RB27198	740-357831	6/11/2024	338796	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
501	Red Bluff Landfill	RB27198	740-357830	6/11/2024	338802	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
502	Red Bluff Landfill	RB27198	740-357829	6/11/2024	334400	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
503	Red Bluff Landfill	RB27198	740-357827	6/11/2024	334086	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yds	20
504	Red Bluff Landfill	RB27198	740-357826	6/11/2024	334555	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALFREDO	Contaminated Soil (RCRA Exempt)	yds	20
505	Red Bluff Landfill	RB27198	740-357825	6/11/2024	338773	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
506	Red Bluff Landfill	RB27198	740-357824	6/11/2024	334548	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
507	Red Bluff Landfill	RB27198	740-357823	6/11/2024	338762	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
508	Red Bluff Landfill	RB27198	740-357822	6/11/2024	338761	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
509	Red Bluff Landfill	RB27198	740-357810	6/11/2024	334572	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
510	Red Bluff Landfill	RB27198	740-357809	6/11/2024	338807	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yds	20

Load Number	Facility	Invoice #	Ticket ID	Manifest Date	Manifest #	Account	Generator	Ordered By	API #	Well Name	Well	Hauler Name	Driver	Product Name	Unit	Quantity
511	Red Bluff Landfill	RB27198	740-357808	6/11/2024	334545	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
512	Red Bluff Landfill	RB27198	740-357807	6/11/2024	334398	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yds	20
513	Red Bluff Landfill	RB27198	740-357806	6/11/2024	334397	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
514	Red Bluff Landfill	RB27198	740-357805	6/11/2024	334393	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALFREDO	Contaminated Soil (RCRA Exempt)	yds	20
515	Red Bluff Landfill	RB27198	740-357804	6/11/2024	335578	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
516	Red Bluff Landfill	RB27198	740-357803	6/11/2024	338771	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CARLOS	Contaminated Soil (RCRA Exempt)	yds	20
517	Red Bluff Landfill	RB27198	740-357802	6/11/2024	334399	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
518	Red Bluff Landfill	RB27198	740-357801	6/11/2024	334395	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
519	Red Bluff Landfill	RB27198	740-357800	6/11/2024	334394	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
520	Red Bluff Landfill	RB27198	740-357799	6/11/2024	338657	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yds	20
521	Red Bluff Landfill	RB27198	740-357798	6/11/2024	335580	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
522	Red Bluff Landfill	RB27198	740-357797	6/11/2024	335579	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
523	Red Bluff Landfill	RB27198	740-357978	6/12/2024	338964	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yds	20
524	Red Bluff Landfill	RB27198	740-357977	6/12/2024	334962	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
525	Red Bluff Landfill	RB27198	740-357976	6/12/2024	334959	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
526	Red Bluff Landfill	RB27198	740-357975	6/12/2024	334964	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CIPRIANO	Contaminated Soil (RCRA Exempt)	yds	20
527	Red Bluff Landfill	RB27198	740-357974	6/12/2024	338814	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
528	Red Bluff Landfill	RB27198	740-357970	6/12/2024	338947	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
529	Red Bluff Landfill	RB27198	740-357969	6/12/2024	334177	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
530	Red Bluff Landfill	RB27198	740-357968	6/12/2024	338983	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALFREDO	Contaminated Soil (RCRA Exempt)	yds	20
531	Red Bluff Landfill	RB27198	740-357967	6/12/2024	338888	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yds	20
532	Red Bluff Landfill	RB27198	740-357966	6/12/2024	338776	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
533	Red Bluff Landfill	RB27198	740-357965	6/12/2024	334551	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
534	Red Bluff Landfill	RB27198	740-357964	6/12/2024	338798	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
535	Red Bluff Landfill	RB27198	740-357963	6/12/2024	338940	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
536	Red Bluff Landfill	RB27198	740-357954	6/12/2024	338963	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yds	20
537	Red Bluff Landfill	RB27198	740-357953	6/12/2024	334961	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
538	Red Bluff Landfill	RB27198	740-357952	6/12/2024	334958	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
539	Red Bluff Landfill	RB27198	740-357951	6/12/2024	338952	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CIPRIANO	Contaminated Soil (RCRA Exempt)	yds	20
540	Red Bluff Landfill	RB27198	740-357947	6/12/2024	338812	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
541	Red Bluff Landfill	RB27198	740-357946	6/12/2024	338946	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
542	Red Bluff Landfill	RB27198	740-357945	6/12/2024	334402	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
543	Red Bluff Landfill	RB27198	740-357944	6/12/2024	334558	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALFREDO	Contaminated Soil (RCRA Exempt)	yds	20
544	Red Bluff Landfill	RB27198	740-357943	6/12/2024	338886	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yds	20
545	Red Bluff Landfill	RB27198	740-357942	6/12/2024	338777	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
546	Red Bluff Landfill	RB27198	740-357941	6/12/2024	334550	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
547	Red Bluff Landfill	RB27198	740-357940	6/12/2024	338765	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
548	Red Bluff Landfill	RB27198	740-357931	6/12/2024	338656	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JOSE	Contaminated Soil (RCRA Exempt)	yds	20
549	Red Bluff Landfill	RB27198	740-357930	6/12/2024	334960	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
550	Red Bluff Landfill	RB27198	740-357929	6/12/2024	334957	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JUAN	Contaminated Soil (RCRA Exempt)	yds	20
551	Red Bluff Landfill	RB27198	740-357928	6/12/2024	334963	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	CIPRIANO	Contaminated Soil (RCRA Exempt)	yds	20
552	Red Bluff Landfill	RB27198	740-357927	6/12/2024	338813	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	OLIVER	Contaminated Soil (RCRA Exempt)	yds	20
553	Red Bluff Landfill	RB27198	740-357925	6/12/2024	338801	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	SAMUEL	Contaminated Soil (RCRA Exempt)	yds	20
554	Red Bluff Landfill	RB27198	740-357924	6/12/2024	338804	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LUIS	Contaminated Soil (RCRA Exempt)	yds	20
555	Red Bluff Landfill	RB27198	740-357923	6/12/2024	334403	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JESUS	Contaminated Soil (RCRA Exempt)	yds	20
556	Red Bluff Landfill	RB27198	740-357922	6/12/2024	334557	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALFREDO	Contaminated Soil (RCRA Exempt)	yds	20
557	Red Bluff Landfill	RB27198	740-357921	6/12/2024	338887	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yds	20
558	Red Bluff Landfill	RB27198	740-357920	6/12/2024	338775	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
559	Red Bluff Landfill	RB27198	740-357919	6/12/2024	334552	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
560	Red Bluff Landfill	RB27198	740-357918	6/12/2024	338766	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
561	Red Bluff Landfill	RB27198	740-358048	6/13/2024	338993	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DAVID	Contaminated Soil (RCRA Exempt)	yds	20

Load Number	Facility	Invoice #	Ticket ID	Manifest Date	Manifest #	Account	Generator	Ordered By	API #	Well Name	Well	Hauler Name	Driver	Product Name	Unit	Quantity
562	Red Bluff Landfill	RB27198	740-358047	6/13/2024	338763	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
563	Red Bluff Landfill	RB27198	740-358042	6/13/2024	338942	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
564	Red Bluff Landfill	RB27198	740-358033	6/13/2024	339003	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yds	20
565	Red Bluff Landfill	RB27198	740-358032	6/13/2024	338769	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
566	Red Bluff Landfill	RB27198	740-358026	6/13/2024	338992	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
567	Red Bluff Landfill	RB27198	740-358025	6/13/2024	338778	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
568	Red Bluff Landfill	RB27198	740-358024	6/13/2024	338941	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
569	Red Bluff Landfill	RB27198	740-358020	6/13/2024	339002	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	LEOPOLDO	Contaminated Soil (RCRA Exempt)	yds	20
570	Red Bluff Landfill	RB27198	740-358019	6/13/2024	338768	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	HUGO	Contaminated Soil (RCRA Exempt)	yds	20
571	Red Bluff Landfill	RB27198	740-358018	6/13/2024	338779	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	MIGUEL	Contaminated Soil (RCRA Exempt)	yds	20
572	Red Bluff Landfill	RB27198	740-358017	6/13/2024	338991	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	DANIEL	Contaminated Soil (RCRA Exempt)	yds	20
573	Red Bluff Landfill	RB27198	740-358016	6/13/2024	338939	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	JAIME	Contaminated Soil (RCRA Exempt)	yds	20
574	Red Bluff Landfill	RB27232	740-358720	6/24/2024	340059	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALVINO	Contaminated Soil (RCRA Exempt)	yds	12
575	Red Bluff Landfill	RB27232	740-358708	6/24/2024	340044	MURCHISON	MURCHISON	GREG BOANS	30-015-37264	OGDEN STATE	005A	HUNGRY HORSE, LLC	ALVINO	Contaminated Soil (RCRA Exempt)	yds	12
Total Yards																11,490

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 375820

QUESTIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID:
	15363
	Action Number:
	375820
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1902343484
Incident Name	NAB1902343484 OGDEN STATE 5A RELEASE @ 0
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Facility	[fAB1902343284] OGDEN STATE 5A RELEASE

Location of Release Source	
Please answer all the questions in this group.	
Site Name	OGDEN STATE 5A RELEASE
Date Release Discovered	05/26/2017
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 1,399 BBL Recovered: 0 BBL Lost: 1,399 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS, Page 2

Action 375820

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID:
	15363
	Action Number:
	375820
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Cindy Cottrell Title: Regulatory Coordinator Email: ccottrell@jdmii.com Date: 08/20/2024
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QUESTIONS, Page 3

Action 375820

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID:
	15363
	Action Number:
	375820
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Attached Document
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	105000
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	266
GRO+DRO	(EPA SW-846 Method 8015M)	196
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.4
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	04/17/2024
On what date will (or did) the final sampling or liner inspection occur	05/17/2024
On what date will (or was) the remediation complete(d)	06/16/2024
What is the estimated surface area (in square feet) that will be reclaimed	29600
What is the estimated volume (in cubic yards) that will be reclaimed	5500
What is the estimated surface area (in square feet) that will be remediated	29600
What is the estimated volume (in cubic yards) that will be remediated	5500

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 375820

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID:	15363
	Action Number:	375820
	Action Type:	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 Red Bluff
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Cindy Cottrell Title: Regulatory Coordinator Email: ccottrell@jdmii.com Date: 08/20/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 375820

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 375820
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 375820

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID:	15363
	Action Number:	375820
	Action Type:	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	353111
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/14/2024
What was the (estimated) number of samples that were to be gathered	129
What was the sampling surface area in square feet	25000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	53000
What was the total volume (cubic yards) remediated	11490
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	53000
What was the total volume (in cubic yards) reclaimed	11490
Summarize any additional remediation activities not included by answers (above)	none

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Cindy Cottrell Title: Regulatory Coordinator Email: ccottrell@jdmii.com Date: 08/20/2024
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QUESTIONS, Page 7

Action 375820

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID:	15363
	Action Number:	375820
	Action Type:	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	53000
What was the total volume of replacement material (in cubic yards) for this site	11490
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	07/16/2024
Summarize any additional reclamation activities not included by answers (above)	water applied to seeds
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Cindy Cottrell Title: Regulatory Coordinator Email: ccottrell@jdmii.com Date: 08/20/2024

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QUESTIONS, Page 8

Action 375820

QUESTIONS (continued)

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 375820
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 375820

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID:
	15363
	Action Number:
	375820
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

CONDITIONS

Created By	Condition	Condition Date
bhall	Remediation closure and reclamation report approved.	8/21/2024
bhall	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	8/21/2024
bhall	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeded activities, inspections, and final pictures when revegetation is achieved. Include pictures showing that all berms have been removed from the site and those areas are revegetated.	8/21/2024
bhall	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	8/21/2024