# Remediation Summary and Closure Request

**Select Energy Services, LLC**
**J3 Pit**
**Eddy County, New Mexico**
**Unit Letter "O", Section 1, Township 24 South, Range 31 East**
**Latitude 32.239419 North, Longitude 103.728289 West**
**NMOCD Incident # nAPP2319449479**

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Prepared For:

Select Energy Services, LLC
1502 E. Greene St.
Carlsbad, NM 88220

Prepared By:

Hungry Horse, LLC
4024 Plains Hwy
Lovington, NM 88260
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**June 2024**

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| | |
|---|---|
| Incident ID | nAPP2319449479 |
| District RP | |
| Facility ID | |
| Application ID | |

# Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

| | |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release? | >100' (ft bgs) |
| Did this release impact groundwater or surface water? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | ☐ Yes ☒ No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 300 feet of a wetland? | ☐ Yes ☒ No |
| Are the lateral extents of the release overlying a subsurface mine? | ☐ Yes ☒ No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | ☐ Yes ☒ No |
| Are the lateral extents of the release within a 100-year floodplain? | ☐ Yes ☒ No |
| Did the release impact areas **not** on an exploration, development, production, or storage site? | ☐ Yes ☒ No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist**: ***Each of the following items must be included in the report.***

☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
☒ Field data
☒ Data table of soil contaminant concentration data
☒ Depth to water determination
☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
☒ Boring or excavation logs
☒ Photographs including date and GIS information
☒ Topographic/Aerial maps
☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nAPP2319449479 |
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: TIMSAN BRICKER_____ Title: ENVIRONMENTAL COORDINATOR_____

Signature:_____ Date: __6/13/2024_____

email: tbricker@selectwater.com_____ Telephone: ___575-200-7551_____

**OCD Only**

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nAPP2319449479 |
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| Application ID | |

# Remediation Plan

**Remediation Plan Checklist**: ***Each of the following items must be included in the plan.***

☒ Detailed description of proposed remediation technique
☒ Scaled sitemap with GPS coordinates showing delineation points
☒ Estimated volume of material to be remediated
☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only**: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Timsan Bricker Title: Environmental Coordinator

Signature: Timsan Bricker Date: 6/13/2023

email: tbricker@selectwater.com Telephone: 575-200-7551

**OCD Only**

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

| | |
|---|---|
| Incident ID | nAPP2319449479 |
| District RP | |
| Facility ID | |
| Application ID | |

# Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist**: ***Each of the following items must be included in the closure report.***

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

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

☒ Description of remediation activities

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

Printed Name: Timsan Bricker Title: Environmental Coordinator

Signature: Timsan Bricker Date: 6/13/2024

email: tbricker@selectwater.com Telephone: 575-200-7551

**OCD Only**

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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 1, Township 24 South, Range 31 East, approximately twenty miles east of Malaga, in Eddy County, New Mexico. The site is located on Bureau of Land Management 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 water line; Latitude 32.239419 North, Longitude 103.728289 West. The Initial NMOCD Form C-141 indicated that on July 23, 2023 approximately 837 bbls of produced water were released due to a head connection failure on the water line. A crew was dispatched to the release site and the line connection was repaired. No fluid was recovered. Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. NMOCD Form Initial C-141 is also included as Attachment VII.

## NMOCD Site Classification:

A search of the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) groundwater databases was completed in an effort to determine the horizontal distance to known water sources within a half mile radius of the Release Site. Approximate depth to groundwater was determined using maintained and published water well data. Karst mapping indicates the site is not located in a Karst designated area. Karst and Wetland Maps are provided as Attachment I. Depth to groundwater information is provided as Attachment IV and the results are depicted on Figures 2 & 3.

One water well was located within a half mile of the release area. C 04672 POD1 was drilled in September 2022 to an approximate depth of 110 feet bgs. The well was dry and therefore plugged. Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows:

| Depth to Groundwater | Constituent | Method | Limit |
|---|---|---|---|
| >100 | Chloride | EPA 300.0 or SM4500 CLB | 20,000 mg/kg |
| | TPH (GRO + DRO + MRO) | EPA SW-846 Method 8015M Ext | 2,500 mg/kg |
| | GRO + DRO | EPA SW-846 Method 8015M Ext | 1,000 mg/kg |
| | BTEX | EPA SW-846 Methods 8021B or 8260B | 50 mg/kg |
| | Benzene | EPA SW-846 Methods 8021B or 8260B | 10 mg/kg |

## Delineation and Remediation Activities:

On August 10, 2023, Hungry Horse conducted an initial site assessment consisting of photographing and mapping the release area. On August 16, 2023, the release area was delineated. During delineation activities, sample test trenches were advanced in the release area in an effort to determine the vertical extent of contamination. These sample locations are identified by SP designation. In addition, sample test trenches were advanced along the outside edges of the release area in an effort to determine the horizontal extent of contamination. These sample locations are identified by HZ designation. During the advancement of the test trenches, soil samples were collected and field screened for the presence of chloride concentrations utilizing a Hach Quantab® chloride test kit.

Based on field observations and field test data noted above and provided in Attachment V, forty-eight representative soil samples were selected for laboratory analysis. Delineation soil samples SP1 through SP14, 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 though SP14, all at Surface, which exhibited TPH and/or chloride concentrations in excess of the NMOCD Closure Criteria.

From October 2 through October 31, 2023, the release area was excavated. Excavated contaminated soil was temporarily stockpiled onsite, atop plastic, before transport to an NMOCD approved disposal facility.

On October 10, 2023, one hundred eighty-three composite confirmation soil samples were collected from the excavation floor and sidewalls, every 200 square feet and every 50 linear feet, respectively. Soil samples FL1 through FL125 and SW1 through SW58, 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 FL44, FL45, FL67, FL68, FL70, FL71, FL73, FL73, and FL74, all at three and half feet bgs, which exhibited chloride concentrations in excess of NMOCD Closure Criteria.

Samples FL13, FL14, FL15, FL26, FL28, FL30, FL32, FL33, FL34, FL52, FL53, FL54, FL69, FL104, FL105, FL106, FL107, FL108, FL194, FL198, and SW7 through SW14, from the October 10, 2023 sample collection, were lost in transport to the laboratory. On October 20, 2023 these samples were re-collected and 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 October 13, 2023, one hundred eighty composite confirmation soil samples were collected from the excavation floor and sidewalls, every 200 square feet and every 50 linear feet, respectively. Soil samples FL126 through FL210 and SW59 through SW81, were submitted to the laboratory for analysis of BTEX, TPH, and chloride.

On November 1, 2023, forty-three composite confirmation soil samples were collected from the excavation floor and sidewalls, every 200 square feet and every 50 linear feet, respectively. Soil samples FL211 through FL240 and SW82 through SW85, as well as FL44b, FL45b, FL67b, FL68b, FL70b, FL71b, FL73b, FL73b, and FL74b, were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples.

The excavated area measured approximately nine hundred twenty feet in length, six to one hundred thirty feet in width, and one to four and half feet in depth. During remediation activities approximately 6,000 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility.

On May 14, 2024, closure for the release was denied as TPH concentrations in the area characterized by sample location FL223 were in excess of the NMOCD Closure Criteria.

On June 7, 2024, a two hundred square foot area, characterized by sample location FL223, was excavated to a depth of approximately six feet bgs. Excavated soil was hauled to disposal. On June 10, 2024, one five-point composite soil sample was collected from the floor of the excavation. FL223b 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 June 12, 2024, the excavation was backfilled with locally sourced, clean, non-impacted material.

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

## Restoration, Reclamation, and Re-Vegetation:

Based upon laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced, clean, non-impacted material. The area was contoured to achieve erosion control and preserve surface water flow. The affected area will be reseeded with an approved seed mixture during the first favorable growing season following these completed remediation activities.

## Closure Request:

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

Based on laboratory analytical results, Select Energy Services, LLC respectfully requests closure of the J3 Pit location, nAPP2319449479.

## 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:

**Select Energy Services, LLC**
1502 E. Greene St.
Carlsbad, NM 88220

**New Mexico Energy, Minerals and Natural Resources Department**
Oil Conservation Division, District 2
811 S. First St.
Artesia, NM 88210

**New Mexico Bureau of Land Management**
620 E. Greene St.
Carlsbad, NM 88220

# Figures

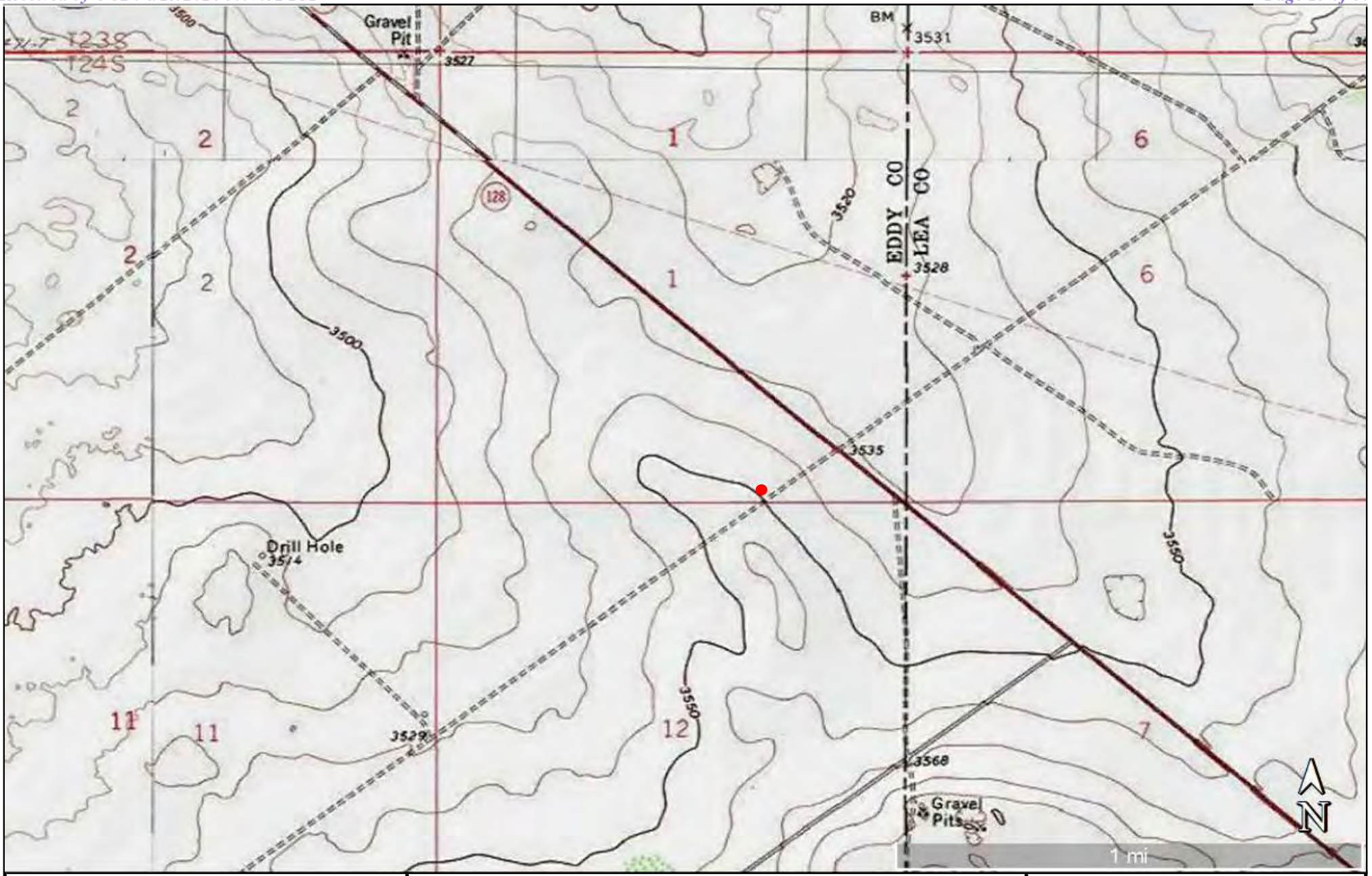



**Figure 1**
Topographic Map
Select Energy Services, LLC
J3 Pit
GPS: 32.239419, -103.728289
Eddy County

**Legend:**
- J3 Pit Location

Drafted: bw
Checked: dd
Date: 8/18/23

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**Figure 2**
OSE POD Locations Map
Select Energy Services, LLC
J3 Pit
GPS: 32.239419, -103.728289
Eddy County

**Legend:**
- J3 Pit Location
- Active OSE Water Well

Drafted: bw
Checked: dd
Date: 8/18/23

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**Figure 3**
USGS Well Locations Map
Select Energy Services, LLC
J3 Pit
GPS: 32.239419, -103.728289
Eddy County

**Legend:**
- J3 Pit Location

Drafted: bw
Checked: dd
Date: 8/18/23

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**Figure 4**

Delineation Map

Select Energy Services, LLC

J3 Pit

GPS: 32.239419, -103.728289

Eddy County

**Legend:**

- Release Area
- SP1 — Delineation Sample Location
- HZ1 — Horizontal Sample Location

Drafted: bw

Checked: dd

Date: 8/18/23

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Released to Imaging: 7/1/2024 1:26:15 PM
Received by OCD: 6/13/2024 3:07:52 PM

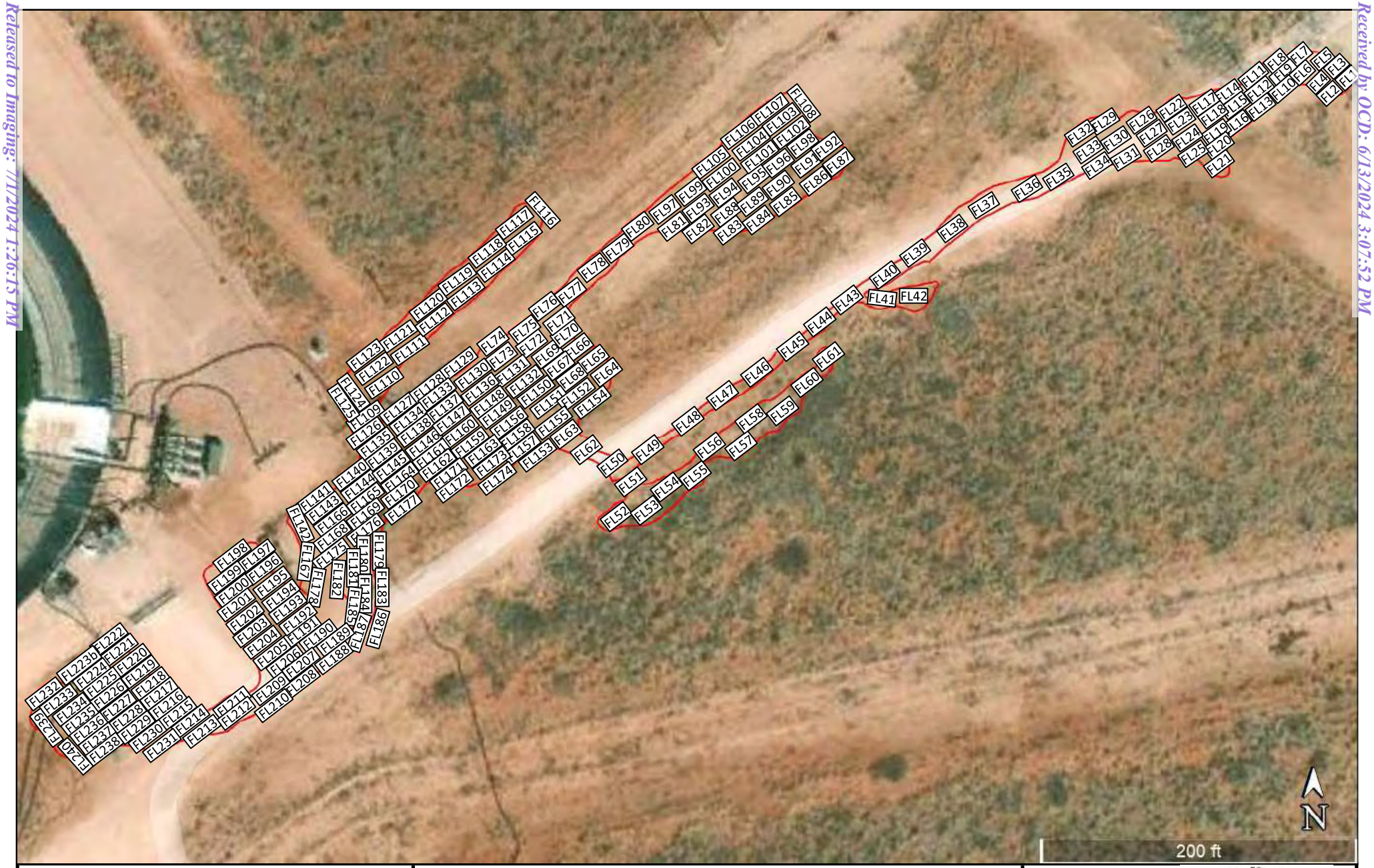



**Figure 5**

Excavation Floor Sample Map

Select Energy Services, LLC

J3 Pit

GPS: 32.239419, -103.728289

Eddy County

**Legend:**

Excavated Area

FL1 Composite Confirmation Sample Location

Drafted: bw

Checked: dd

Date: 6/10/24

HUNGRY HORSE ENVIRONMENTAL & CONSTRUCTION

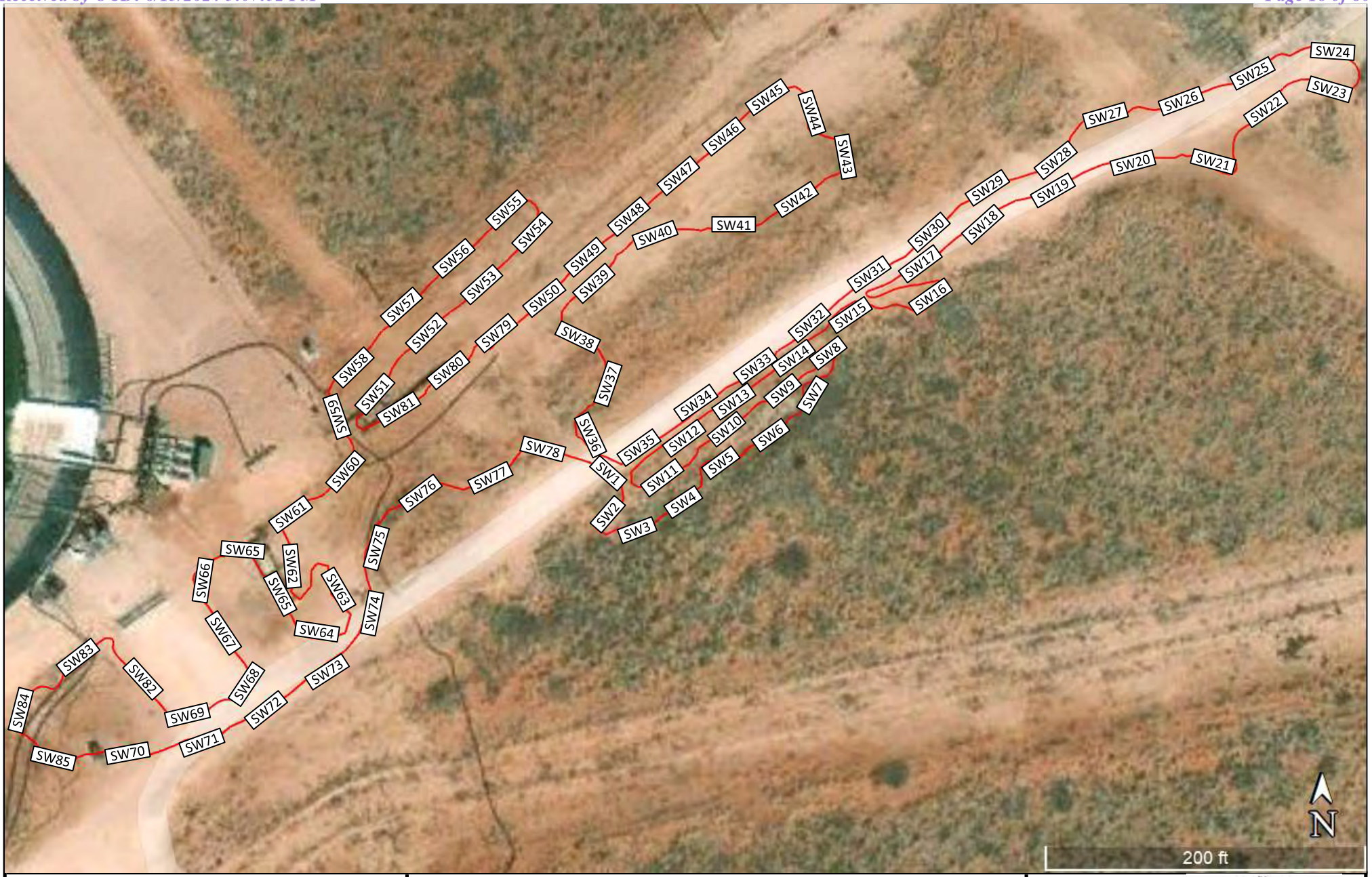



**Figure 6**

Excavation Sidewall Sample Map

Select Energy Services, LLC

J3 Pit

GPS: 32.239419, -103.728289

Eddy County

**Legend:**

Excavated Area

SW1 Composite Confirmation Sample Location

Drafted: bw

Checked: dd

Date: 11/1/23

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# Table

**TABLE 1**
**Summary of Soil Sample Laboratory Analytical Results**
**Select Energy Services, LLC**
**J3 Pit**
**NMOCD Ref. #: nAPP2319449479**

| 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 | 8/16/23 | Surf | Excavated | <0.050 | <0.300 | <10.0 | 52.5 | 52.5 | <10.0 | 52.5 | **4,000** |
| | 8/16/23 | 12 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| SP2 | 8/16/23 | Surf | Excavated | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | **1,340** |
| | 8/16/23 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| SP3 | 8/16/23 | Surf | Excavated | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 336 |
| | 8/16/23 | 8 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| SP4 | 8/16/23 | Surf | Excavated | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | **4,400** |
| | 8/16/23 | 10 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| SP5 | 8/16/23 | Surf | Excavated | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | **3,400** |
| | 8/16/23 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| SP6 | 8/16/23 | Surf | Excavated | <0.050 | <0.300 | <10.0 | 255 | 255 | 73.9 | <30.0 | **16,800** |
| | 8/16/23 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| SP7 | 8/16/23 | Surf | Excavated | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| | 8/16/23 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| SP8 | 8/16/23 | Surf | Excavated | <0.050 | <0.300 | <10.0 | 327 | 327 | 135 | **462** | **5,040** |
| | 8/16/23 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| SP9 | 8/16/23 | Surf | Excavated | <0.050 | <0.300 | <10.0 | 1,340 | 1,340 | 590 | **1,930** | **10,800** |
| | 8/16/23 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 208 |
| SP10 | 8/16/23 | Surf | Excavated | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | **6,080** |
| | 8/16/23 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| SP11 | 8/16/23 | Surf | Excavated | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 64.0 |
| | 8/16/23 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| SP12 | 8/16/23 | Surf | Excavated | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 |
| | 8/16/23 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| SP13 | 8/16/23 | Surf | Excavated | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | **928** |
| | 8/16/23 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| SP14 | 8/16/23 | Surf | Excavated | <0.050 | <0.300 | <10.0 | 23.3 | 23.3 | <10.0 | <30.0 | **15,600** |
| | 8/16/23 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| HZ1 | 8/16/23 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| | 8/16/23 | 1 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| HZ2 | 8/16/23 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| | 8/16/23 | 1 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| HZ3 | 8/16/23 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| | 8/16/23 | 1 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| HZ4 | 8/16/23 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| | 8/16/23 | 1 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| HZ5 | 8/16/23 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| | 8/16/23 | 1 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| HZ6 | 8/16/23 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| | 8/16/23 | 1 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| HZ7 | 8/16/23 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| | 8/16/23 | 1 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| HZ8 | 8/16/23 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| | 8/16/23 | 1 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 48.0 |
| HZ9 | 8/16/23 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| | 8/16/23 | 1 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| HZ10 | 8/16/23 | Surf | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 |
| | 8/16/23 | 1 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 |
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |

**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**
**Select Energy Services, LLC**
**J3 Pit**
**NMOCD Ref. #: nAPP2319449479**

| 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 | 10/10/23 | 2.5 | In-Situ | <0.00200 | <0.00401 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 91.8 |
| FL2 | 10/10/23 | 2.5 | In-Situ | <0.00200 | <0.00399 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 132 |
| FL3 | 10/10/23 | 2.5 | In-Situ | <0.00201 | <0.00402 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 135 |
| FL4 | 10/10/23 | 2.5 | In-Situ | <0.00199 | <0.00398 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 116 |
| FL5 | 10/10/23 | 2.5 | In-Situ | <0.00199 | <0.00398 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 120 |
| FL6 | 10/10/23 | 2.5 | In-Situ | <0.00199 | <0.00398 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 145 |
| FL7 | 10/10/23 | 2.5 | In-Situ | <0.00200 | <0.00401 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 123 |
| FL8 | 10/10/23 | 1 | In-Situ | <0.00202 | <0.00403 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 151 |
| FL9 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 261 |
| FL10 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 199 |
| FL11 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00399 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 193 |
| FL12 | 10/10/23 | 1 | In-Situ | <0.00213 | <0.00426 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 249 |
| FL13 | 10/20/23 | 1 | In-Situ | <0.00200 | <0.00401 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 103 |
| FL14 | 10/20/23 | 1 | In-Situ | <0.00199 | <0.00398 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 75.9 |
| FL15 | 10/20/23 | 1 | In-Situ | <0.00200 | <0.00399 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 81.8 |
| FL16 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00401 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 93.9 |
| FL17 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00401 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 127 |
| FL18 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 94.4 |
| FL19 | 10/10/23 | 1 | In-Situ | <0.00198 | <0.00396 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 107 |
| FL20 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 101 |
| FL21 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00399 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 83.1 |
| FL22 | 10/10/23 | 1 | In-Situ | <0.00201 | <0.00402 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 127 |
| FL23 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00400 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 88.0 |
| FL24 | 10/10/23 | 1 | In-Situ | <0.00201 | <0.00402 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 111 |
| FL25 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 131 |
| FL26 | 10/20/23 | 1 | In-Situ | <0.00201 | <0.00402 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 48.5 |
| FL27 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00399 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 163 |
| FL28 | 10/20/23 | 1 | In-Situ | <0.00201 | <0.00402 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 47.6 |
| FL29 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00399 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 156 |
| FL30 | 10/20/23 | 1 | In-Situ | <0.00198 | <0.00396 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 46.5 |
| FL31 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00401 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 162 |
| FL32 | 10/20/23 | 1 | In-Situ | <0.00199 | <0.00398 | <50.4 | 78.8 | 78.8 | <50.4 | 78.8 | 40.7 |
| FL33 | 10/20/23 | 1 | In-Situ | <0.00200 | <0.00399 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 45.3 |
| FL34 | 10/20/23 | 1 | In-Situ | <0.00201 | <0.00402 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 50.2 |
| FL35 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 254 |
| FL36 | 10/10/23 | 1 | In-Situ | <0.00201 | <0.00402 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 228 |
| FL37 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00401 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 190 |
| FL38 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 276 |
| FL39 | 10/10/23 | 3.5 | In-Situ | <0.00199 | <0.00398 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 158 |
| FL40 | 10/10/23 | 3.5 | In-Situ | <0.00200 | <0.00399 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 109 |
| FL41 | 10/10/23 | 3.5 | In-Situ | <0.00201 | <0.00402 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 88.4 |
| FL42 | 10/10/23 | 3.5 | In-Situ | <0.00201 | <0.00402 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 308 |
| FL43 | 10/10/23 | 3.5 | In-Situ | <0.00199 | <0.00398 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 159 |
| FL44 | 10/10/23 | 3.5 | Excavated | <0.00198 | <0.00396 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | **1,060** |
| FL44b | 11/1/23 | 4.5 | In-Situ | <0.00198 | <0.00396 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 147 |
| FL45 | 10/10/23 | 3.5 | excavated | <0.00199 | <0.00398 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | **701** |
| FL45b | 11/1/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 25.5 |
| FL46 | 10/10/23 | 2.5 | In-Situ | <0.00200 | <0.00399 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 59.8 |
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |

**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**
**Select Energy Services, LLC**
**J3 Pit**
**NMOCD Ref. #: nAPP2319449479**

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL47 | 10/10/23 | 2.5 | In-Situ | <0.00200 | <0.00401 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 103 |
| FL48 | 10/10/23 | 2.5 | In-Situ | <0.00199 | <0.00398 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 101 |
| FL49 | 10/10/23 | 1.5 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 94.4 |
| FL50 | 10/10/23 | 1.5 | In-Situ | <0.00198 | <0.00396 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 94.8 |
| FL51 | 10/10/23 | 1.5 | In-Situ | <0.00200 | <0.00400 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 97.1 |
| FL52 | 10/20/23 | 1.5 | In-Situ | <0.00199 | <0.00398 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 48.7 |
| FL53 | 10/20/23 | 1.5 | In-Situ | <0.00199 | <0.00398 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 55.2 |
| FL54 | 10/20/23 | 1.5 | In-Situ | <0.00200 | <0.00399 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 43.1 |
| FL55 | 10/10/23 | 1.5 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 104 |
| FL56 | 10/10/23 | 1.5 | In-Situ | <0.00200 | <0.00399 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 104 |
| FL57 | 10/10/23 | 1.5 | In-Situ | <0.00200 | <0.00401 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 102 |
| FL58 | 10/10/23 | 1.5 | In-Situ | <0.00199 | <0.00398 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 104 |
| FL59 | 10/10/23 | 1.5 | In-Situ | <0.00199 | <0.00398 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 82.9 |
| FL60 | 10/10/23 | 1.5 | In-Situ | <0.00200 | <0.00399 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 87.9 |
| FL61 | 10/10/23 | 1.5 | In-Situ | <0.00201 | <0.00402 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 78.8 |
| FL62 | 10/10/23 | 3.5 | In-Situ | <0.00201 | <0.00402 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 104 |
| FL63 | 10/10/23 | 3.5 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 104 |
| FL64 | 10/10/23 | 3.5 | In-Situ | <0.00198 | <0.00396 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 99.7 |
| FL65 | 10/10/23 | 3.5 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 55.7 |
| FL66 | 10/10/23 | 3.5 | In-Situ | <0.00200 | <0.00399 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 298 |
| FL67 | 10/10/23 | 3.5 | Excavated | <0.00201 | <0.00402 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | **686** |
| FL67b | 11/1/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 19.2 |
| FL68 | 10/10/23 | 3.5 | Excavated | <0.00200 | <0.00401 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | **680** |
| FL68b | 11/1/23 | 4.5 | In-Situ | <0.00200 | <0.00401 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 11.8 |
| FL69 | 10/20/23 | 3.5 | In-Situ | <0.00201 | <0.00402 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 63.9 |
| FL70 | 10/10/23 | 3.5 | Excavated | <0.00198 | <0.00396 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | **1,120** |
| FL70b | 11/1/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 9.94 |
| FL71 | 10/10/23 | 3.5 | excavated | <0.00200 | <0.00401 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | **1,150** |
| FL71b | 11/1/23 | 4.5 | In-Situ | <0.00198 | <0.00396 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 17.2 |
| FL72 | 10/10/23 | 3.5 | Excavated | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | **845** |
| FL72b | 11/1/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 76.9 |
| FL73 | 10/10/23 | 3.5 | Excavated | <0.00199 | <0.00398 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | **941** |
| FL73b | 11/1/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 69.1 |
| FL74 | 10/10/23 | 3.5 | Excavated | <0.00200 | <0.00401 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | **1,220** |
| FL74b | 11/1/23 | 4.5 | In-Situ | <0.00200 | <0.00401 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 82.9 |
| FL75 | 10/10/23 | 3.5 | In-Situ | <0.00199 | <0.00398 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 114 |
| FL76 | 10/10/23 | 2.5 | In-Situ | <0.00199 | <0.00398 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 106 |
| FL77 | 10/10/23 | 2.5 | In-Situ | <0.00200 | <0.00399 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 91.8 |
| FL78 | 10/10/23 | 1 | In-Situ | <0.00201 | <0.00402 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 108 |
| FL79 | 10/10/23 | 1 | In-Situ | <0.00202 | <0.00404 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 85.7 |
| FL80 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 89.4 |
| FL81 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 94.6 |
| FL82 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00399 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 104 |
| FL83 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00401 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 57.5 |
| FL84 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00399 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 94.4 |
| FL85 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00401 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 107 |
| FL86 | 10/10/23 | 1 | In-Situ | <0.00202 | <0.00404 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 104 |
| FL87 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 106 |
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |

**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**
**Select Energy Services, LLC**
**J3 Pit**
**NMOCD Ref. #: nAPP2319449479**

| Sample ID | Date | Depth (ft) | Soil Status | Benzene (mg/kg) | BTEX (mg/kg) | GRO $C_6$-$C_{10}$ (mg/kg) | DRO $C_{10}$-$C_{28}$ (mg/kg) | GRO + DRO $C_6$-$C_{28}$ (mg/kg) | ORO $C_{28}$-$C_{36}$ (mg/kg) | TPH $C_6$-$C_{36}$ (mg/kg) | Chloride (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL88 | 10/10/23 | 1.5 | In-Situ | <0.00199 | <0.00398 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 97.1 |
| FL89 | 10/10/23 | 1.5 | In-Situ | <0.00198 | <0.00396 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 108 |
| FL90 | 10/10/23 | 1.5 | In-Situ | <0.00202 | <0.00403 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 99.6 |
| FL91 | 10/10/23 | 1.5 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 98.4 |
| FL92 | 10/10/23 | 2.5 | In-Situ | <0.00200 | <0.00401 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 33.2 |
| FL93 | 10/10/23 | 2.5 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 40.5 |
| FL94 | 10/10/23 | 2.5 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 27.3 |
| FL95 | 10/10/23 | 2.5 | In-Situ | <0.00200 | <0.00399 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 29.2 |
| FL96 | 10/10/23 | 2.5 | In-Situ | <0.00200 | <0.00401 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 32.0 |
| FL97 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 27.2 |
| FL98 | 10/10/23 | 1 | In-Situ | <0.00198 | <0.00396 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 37.6 |
| FL99 | 10/10/23 | 2.5 | In-Situ | <0.00199 | <0.00398 | <49.5 | <49.5 | <49.5 | <49.5 | <49.5 | 9.40 |
| FL100 | 10/10/23 | 2.5 | In-Situ | <0.00200 | <0.00399 | <49.5 | <49.5 | <49.5 | <49.5 | <49.5 | 107 |
| FL101 | 10/10/23 | 3.5 | In-Situ | <0.00201 | <0.00402 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 43.9 |
| FL102 | 10/10/23 | 3.5 | In-Situ | <0.00200 | <0.00401 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 103 |
| FL103 | 10/10/23 | 3.5 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 27.1 |
| FL104 | 10/20/23 | 3.5 | In-Situ | <0.00199 | <0.00398 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 40.8 |
| FL105 | 10/20/23 | 3.5 | In-Situ | <0.00199 | <0.00398 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 66.1 |
| FL106 | 10/20/23 | 3.5 | In-Situ | <0.00198 | <0.00396 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 47.2 |
| FL107 | 10/20/23 | 3.5 | In-Situ | <0.00200 | <0.00399 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 55.1 |
| FL108 | 10/20/23 | 2.5 | In-Situ | <0.00200 | <0.00401 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 39.6 |
| FL109 | 10/10/23 | 2.5 | In-Situ | <0.00198 | <0.00396 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 126 |
| FL110 | 10/10/23 | 2.5 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 69.6 |
| FL111 | 10/10/23 | 2.5 | In-Situ | <0.00200 | <0.00399 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 71.7 |
| FL112 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00401 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 65.3 |
| FL113 | 10/10/23 | 1 | In-Situ | <0.00201 | <0.00402 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 65.3 |
| FL114 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 72.3 |
| FL115 | 10/10/23 | 1 | In-Situ | <0.00198 | <0.00396 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 105 |
| FL116 | 10/10/23 | 1 | In-Situ | <0.00201 | <0.00402 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 91.6 |
| FL117 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00401 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 74.8 |
| FL118 | 10/10/23 | 1 | In-Situ | <0.00198 | <0.00396 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 190 |
| FL119 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 197 |
| FL120 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 186 |
| FL121 | 10/10/23 | 2.5 | In-Situ | <0.00200 | <0.00399 | <50.4 | 51.4 | 51.4 | <50.4 | 51.4 | 237 |
| FL122 | 10/10/23 | 2.5 | In-Situ | <0.00201 | <0.00402 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 119 |
| FL123 | 10/10/23 | 2.5 | In-Situ | <0.00200 | <0.00401 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 93.9 |
| FL124 | 10/10/23 | 2.5 | In-Situ | <0.00198 | <0.00396 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 63.8 |
| FL125 | 10/10/23 | 2.5 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 130 |
| FL126 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 164 |
| FL127 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 112 |
| FL128 | 10/13/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 127 |
| FL129 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00401 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 156 |
| FL130 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 212 |
| FL131 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 153 |
| FL132 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 406 |
| FL133 | 10/13/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 149 |
| FL134 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00401 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 187 |
| FL135 | 10/13/23 | 4.5 | In-Situ | <0.00198 | <0.00396 | <49.5 | <49.5 | <49.5 | <49.5 | <49.5 | 151 |
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |

**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**
**Select Energy Services, LLC**
**J3 Pit**
**NMOCD Ref. #: nAPP2319449479**

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL136 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <49.5 | <49.5 | <49.5 | <49.5 | <49.5 | 221 |
| FL137 | 10/13/23 | 4.5 | In-Situ | <0.00198 | <0.00397 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 136 |
| FL138 | 10/13/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 109 |
| FL139 | 10/13/23 | 4.5 | In-Situ | <0.00202 | <0.00403 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 198 |
| FL140 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 145 |
| FL141 | 10/13/23 | 4.5 | In-Situ | <0.00198 | <0.00396 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 217 |
| FL142 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 234 |
| FL143 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 80.6 |
| FL144 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00401 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 114 |
| FL145 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 87.0 |
| FL146 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00401 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 89.7 |
| FL147 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 79.1 |
| FL148 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 45.2 |
| FL149 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 71.3 |
| FL150 | 10/13/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <49.7 | 85.3 | 85.3 | <49.7 | 85.3 | 57.2 |
| FL151 | 10/13/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 195 |
| FL152 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 174 |
| FL153 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 198 |
| FL154 | 10/13/23 | 4.5 | In-Situ | <0.00198 | <0.00396 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 180 |
| FL155 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 69.1 |
| FL156 | 10/13/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 74.9 |
| FL157 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00401 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 55.5 |
| FL158 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 143 |
| FL159 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 83.8 |
| FL160 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 131 |
| FL161 | 10/13/23 | 4.5 | In-Situ | <0.00198 | <0.00396 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 129 |
| FL162 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 179 |
| FL163 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 158 |
| FL164 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 161 |
| FL165 | 10/13/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 84.8 |
| FL166 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 140 |
| FL167 | 10/13/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 165 |
| FL168 | 10/13/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 204 |
| FL169 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 186 |
| FL170 | 10/13/23 | 4.5 | In-Situ | <0.00198 | <0.00396 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 173 |
| FL171 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 119 |
| FL172 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 191 |
| FL173 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00401 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 175 |
| FL174 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 86.3 |
| FL175 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 172 |
| FL176 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00401 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 129 |
| FL177 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 172 |
| FL178 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 182 |
| FL179 | 10/13/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 126 |
| FL180 | 10/13/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 208 |
| FL181 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 140 |
| FL182 | 10/13/23 | 4.5 | In-Situ | <0.00198 | <0.00396 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 147 |
| FL183 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 107 |
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |

**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**
**Select Energy Services, LLC**
**J3 Pit**
**NMOCD Ref. #: nAPP2319449479**

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL184 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 116 |
| FL185 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00401 | <49.5 | <49.5 | <49.5 | <49.5 | <49.5 | 159 |
| FL186 | 10/13/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 123 |
| FL187 | 10/13/23 | 4.5 | In-Situ | <0.00200 | <0.00401 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 127 |
| FL188 | 10/13/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 127 |
| FL189 | 10/13/23 | 4.5 | In-Situ | <0.00198 | <0.00396 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 147 |
| FL190 | 10/13/23 | 2.5 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 140 |
| FL191 | 10/13/23 | 2.5 | In-Situ | <0.00200 | <0.00399 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 142 |
| FL192 | 10/13/23 | 2.5 | In-Situ | <0.00201 | <0.00402 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 82.9 |
| FL193 | 10/13/23 | 4 | In-Situ | <0.00200 | <0.00401 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 192 |
| FL194 | 10/20/23 | 4 | In-Situ | <0.00199 | <0.00398 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 131 |
| FL195 | 10/13/23 | 4 | In-Situ | <0.00199 | <0.00398 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 136 |
| FL196 | 10/13/23 | 4 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 163 |
| FL197 | 10/13/23 | 4 | In-Situ | <0.00200 | <0.00401 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 98.1 |
| FL198 | 10/20/23 | 4 | In-Situ | <0.00198 | <0.00396 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 125 |
| FL199 | 10/13/23 | 4 | In-Situ | <0.00200 | <0.00399 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 190 |
| FL200 | 10/13/23 | 4 | In-Situ | <0.00201 | <0.00402 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 153 |
| FL201 | 10/13/23 | 4 | In-Situ | <0.00199 | <0.00398 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 99.6 |
| FL202 | 10/13/23 | 4 | In-Situ | <0.00198 | <0.00396 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 148 |
| FL203 | 10/13/23 | 4 | In-Situ | <0.00199 | <0.00398 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 169 |
| FL204 | 10/13/23 | 4 | In-Situ | <0.00200 | <0.00399 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 139 |
| FL205 | 10/13/23 | 4 | In-Situ | <0.00201 | <0.00402 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 151 |
| FL206 | 10/13/23 | 4 | In-Situ | <0.00200 | 0.0191 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 263 |
| FL207 | 10/13/23 | 2.5 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 142 |
| FL208 | 10/13/23 | 2.5 | In-Situ | <0.00200 | <0.00399 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 157 |
| FL209 | 10/13/23 | 2.5 | In-Situ | <0.00200 | <0.00401 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 87.8 |
| FL210 | 10/13/23 | 2.5 | In-Situ | <0.00199 | <0.00398 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 141 |
| FL211 | 11/1/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | <4.96 |
| FL212 | 11/1/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 136 |
| FL213 | 11/1/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 166 |
| FL214 | 11/1/23 | 4.5 | In-Situ | <0.00200 | <0.00401 | <49.7 | 271 | 271 | <49.7 | 271 | 113 |
| FL215 | 11/1/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 213 |
| FL216 | 11/1/23 | 4.5 | In-Situ | <0.00198 | <0.00396 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 759 |
| FL217 | 11/1/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 1,130 |
| FL218 | 11/1/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 313 |
| FL219 | 11/1/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 386 |
| FL220 | 11/1/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 213 |
| FL221 | 11/1/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 111 |
| FL222 | 11/1/23 | 4.5 | In-Situ | <0.00198 | <0.00396 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 1,090 |
| FL223 | 11/1/23 | 4.5 | Excavated | <0.00199 | 0.0427 | <49.7 | 1,220 | 1,220 | <49.7 | 1,220 | 1,160 |
| FL223b | 6/10/24 | 6 | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| FL224 | 11/1/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 1,680 |
| FL225 | 11/1/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <49.0 | <49.0 | <49.0 | <49.0 | <49.0 | 970 |
| FL226 | 11/1/23 | 4.5 | In-Situ | <0.00200 | <0.00401 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 2,960 |
| FL227 | 11/1/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 72.6 |
| FL228 | 11/1/23 | 4.5 | In-Situ | <0.00198 | <0.00396 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 84.3 |
| FL229 | 11/1/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 171 |
| FL230 | 11/1/23 | 4.5 | In-Situ | <0.00200 | <0.00401 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 218 |
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |

**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**
**Select Energy Services, LLC**
**J3 Pit**
**NMOCD Ref. #: nAPP2319449479**

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL231 | 11/1/23 | 4.5 | In-Situ | <0.00200 | <0.00401 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 2,760 |
| FL232 | 11/1/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 457 |
| FL233 | 11/1/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 270 |
| FL234 | 11/1/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 234 |
| FL235 | 11/1/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 174 |
| FL236 | 11/1/23 | 4.5 | In-Situ | <0.00201 | <0.00402 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 199 |
| FL237 | 11/1/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 137 |
| FL238 | 11/1/23 | 4.5 | In-Situ | <0.00199 | <0.00398 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 159 |
| FL239 | 11/1/23 | 4.5 | In-Situ | <0.00200 | <0.00399 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 152 |
| FL240 | 11/1/23 | 4.5 | In-Situ | <0.00198 | <0.00396 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 144 |
| SW1 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 36.4 |
| SW2 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00399 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 61.1 |
| SW3 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00401 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 41.1 |
| SW4 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 92.8 |
| SW5 | 10/10/23 | 1 | In-Situ | <0.00198 | <0.00396 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 39.2 |
| SW6 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 103 |
| SW7 | 10/20/23 | 1 | In-Situ | <0.00200 | <0.00399 | <49.5 | 49.7 | 49.7 | <49.5 | 49.7 | 59.5 |
| SW8 | 10/20/23 | 1 | In-Situ | <0.00201 | <0.00402 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 48.6 |
| SW9 | 10/20/23 | 1 | In-Situ | <0.00200 | <0.00401 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 64.4 |
| SW10 | 10/20/23 | 1 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 59.8 |
| SW11 | 10/20/23 | 1 | In-Situ | <0.00198 | <0.00396 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 50.2 |
| SW12 | 10/20/23 | 1 | In-Situ | <0.00199 | <0.00398 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 46.3 |
| SW13 | 10/20/23 | 1 | In-Situ | <0.00200 | <0.00399 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 49.9 |
| SW14 | 10/20/23 | 1 | In-Situ | <0.00201 | <0.00402 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 47.8 |
| SW15 | 10/10/23 | 3 | In-Situ | <0.00200 | <0.00399 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 57.7 |
| SW16 | 10/10/23 | 3 | In-Situ | <0.00201 | <0.00402 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 39.2 |
| SW17 | 10/10/23 | 0.5 | In-Situ | <0.00200 | <0.00401 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 26.9 |
| SW18 | 10/10/23 | 0.5 | In-Situ | <0.00198 | <0.00396 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 30.5 |
| SW19 | 10/10/23 | 0.5 | In-Situ | <0.00199 | <0.00398 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 52.9 |
| SW20 | 10/10/23 | 0.5 | In-Situ | <0.00199 | <0.00398 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 79.4 |
| SW21 | 10/10/23 | 0.5 | In-Situ | <0.00200 | <0.00399 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 57.4 |
| SW22 | 10/10/23 | 0.5 | In-Situ | <0.00200 | <0.00401 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 70.5 |
| SW23 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 41.5 |
| SW24 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 33.4 |
| SW25 | 10/10/23 | 0.5 | In-Situ | <0.00198 | <0.00396 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 73.8 |
| SW26 | 10/10/23 | 0.5 | In-Situ | <0.00200 | <0.00401 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 70.5 |
| SW27 | 10/10/23 | 0.5 | In-Situ | <0.00201 | <0.00402 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 52.6 |
| SW28 | 10/10/23 | 0.5 | In-Situ | <0.00199 | <0.00398 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 24.3 |
| SW29 | 10/10/23 | 0.5 | In-Situ | <0.00199 | <0.00398 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 68.1 |
| SW30 | 10/10/23 | 0.5 | In-Situ | <0.00199 | <0.00398 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 54.6 |
| SW31 | 10/10/23 | 3 | In-Situ | <0.00200 | <0.00399 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 82.2 |
| SW32 | 10/10/23 | 3 | In-Situ | <0.00200 | <0.00401 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 64.9 |
| SW33 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 39.9 |
| SW34 | 10/10/23 | 1 | In-Situ | <0.00201 | <0.00402 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 30.5 |
| SW35 | 10/10/23 | 1 | In-Situ | <0.00201 | <0.00402 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 65.3 |
| SW36 | 10/10/23 | 2 | In-Situ | <0.00199 | <0.00398 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 111 |
| SW37 | 10/10/23 | 2 | In-Situ | <0.00198 | <0.00396 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 94.6 |
| SW38 | 10/10/23 | 2 | In-Situ | <0.00198 | <0.00396 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 60.8 |
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |

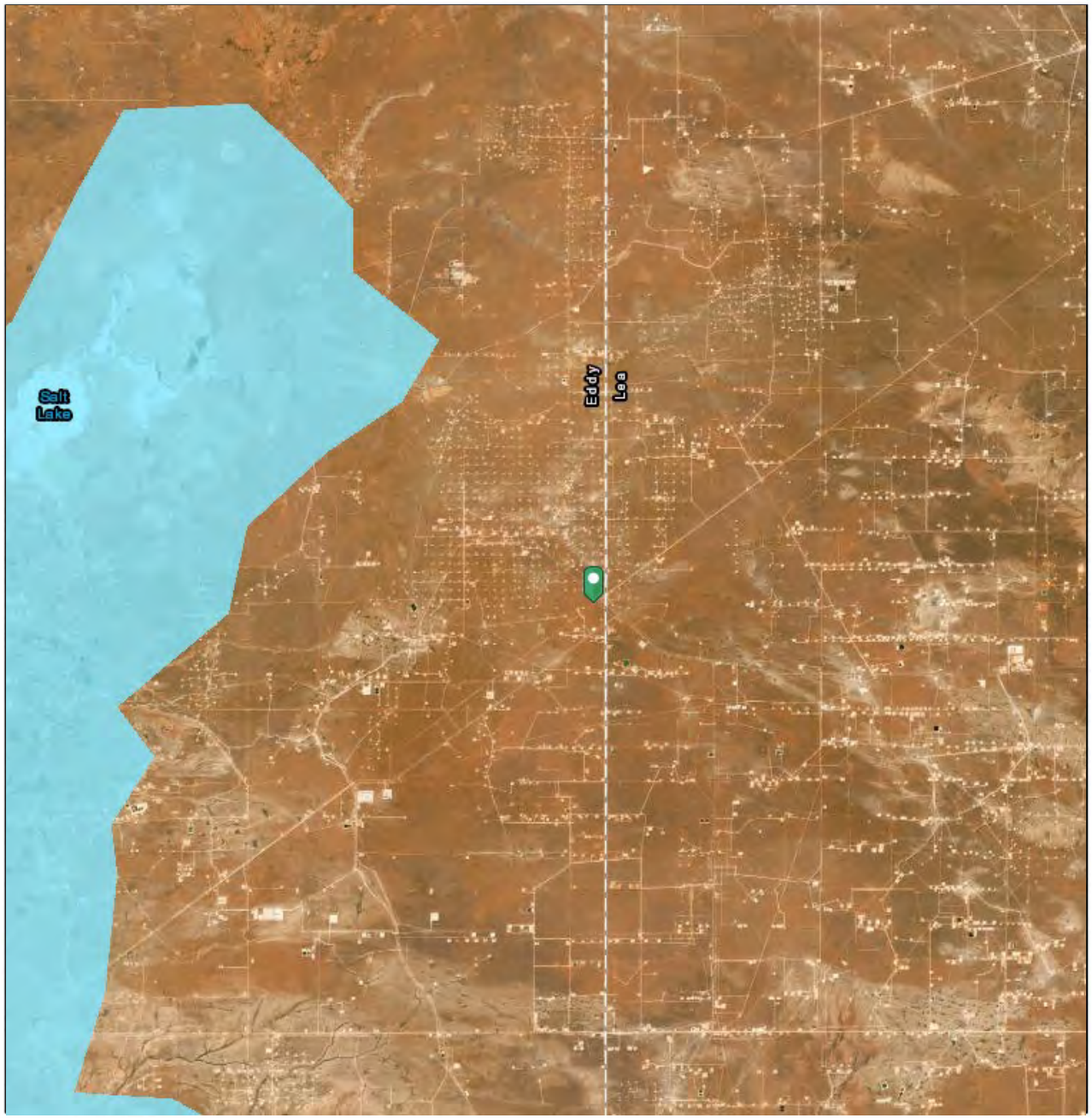
**NOTES:**
- = Sample not analyzed for that constituent.
**Bold** text denotes a concentration that exceeds the NMOCD Closure Criteria

**TABLE 1**
**Summary of Soil Sample Laboratory Analytical Results**
**Select Energy Services, LLC**
**J3 Pit**
**NMOCD Ref. #: nAPP2319449479**

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SW39 | 10/10/23 | 0.5 | In-Situ | <0.00200 | <0.00399 | <49.5 | <49.5 | <49.5 | <49.5 | <49.5 | 123 |
| SW40 | 10/10/23 | 0.5 | In-Situ | <0.00200 | <0.00401 | <49.5 | <49.5 | <49.5 | <49.5 | <49.5 | 73.9 |
| SW41 | 10/10/23 | 0.5 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 141 |
| SW42 | 10/10/23 | 0.5 | In-Situ | <0.00199 | <0.00398 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 83.2 |
| SW43 | 10/10/23 | 0.5 | In-Situ | <0.00200 | <0.00399 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 159 |
| SW44 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00399 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 146 |
| SW45 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00401 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 84.1 |
| SW46 | 10/10/23 | 1 | In-Situ | <0.00202 | <0.00404 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 150 |
| SW47 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 127 |
| SW48 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 168 |
| SW49 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00401 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 143 |
| SW50 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <49.7 | 56.1 | 56.1 | <49.7 | 56.1 | 150 |
| SW51 | 10/10/23 | 1 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 107 |
| SW52 | 10/10/23 | 0.5 | In-Situ | <0.00198 | <0.00396 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 125 |
| SW53 | 10/10/23 | 0.5 | In-Situ | <0.00200 | <0.00401 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 125 |
| SW54 | 10/10/23 | 0.5 | In-Situ | <0.00199 | <0.00398 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 114 |
| SW55 | 10/10/23 | 0.5 | In-Situ | <0.00199 | <0.00398 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 105 |
| SW56 | 10/10/23 | 0.5 | In-Situ | <0.00200 | <0.00399 | <49.9 | 56.2 | 56.2 | <49.9 | 56.2 | 106 |
| SW57 | 10/10/23 | 0.5 | In-Situ | <0.00201 | <0.00402 | <49.7 | 51.9 | 51.9 | <49.7 | 51.9 | 80.3 |
| SW58 | 10/10/23 | 1 | In-Situ | <0.00200 | <0.00401 | <49.7 | 50.7 | 50.7 | <49.7 | 50.7 | 92.3 |
| SW59 | 10/13/23 | 1 | In-Situ | <0.00198 | <0.00396 | <49.8 | <49.8 | <49.8 | <49.8 | <49.8 | 33.9 |
| SW60 | 10/13/23 | 3 | In-Situ | <0.00202 | <0.00403 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 505 |
| SW61 | 10/13/23 | 3 | In-Situ | <0.00200 | <0.00399 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 69.0 |
| SW62 | 10/13/23 | 3 | In-Situ | <0.00199 | <0.00398 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 28.3 |
| SW63 | 10/13/23 | 3 | In-Situ | <0.00198 | <0.00396 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 26.1 |
| SW64 | 10/13/23 | 1 | In-Situ | <0.00201 | <0.00402 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 66.1 |
| SW65 | 10/13/23 | 3 | In-Situ | <0.00200 | <0.00401 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 92.5 |
| SW66 | 10/13/23 | 3 | In-Situ | <0.00200 | <0.00399 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 141 |
| SW67 | 10/13/23 | 3 | In-Situ | <0.00198 | <0.00396 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 68.9 |
| SW68 | 10/13/23 | 3 | In-Situ | <0.00199 | <0.00398 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 170 |
| SW69 | 10/13/23 | 3 | In-Situ | <0.00202 | <0.00403 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 88.3 |
| SW70 | 10/13/23 | 3 | In-Situ | <0.00200 | <0.00401 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 116 |
| SW71 | 10/13/23 | 3 | In-Situ | <0.00200 | <0.00399 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 31.2 |
| SW72 | 10/13/23 | 1 | In-Situ | <0.00199 | <0.00398 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 40.7 |
| SW73 | 10/13/23 | 1 | In-Situ | <0.00198 | <0.00396 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 98.1 |
| SW74 | 10/13/23 | 3 | In-Situ | <0.00202 | <0.00404 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 97.2 |
| SW75 | 10/13/23 | 3 | In-Situ | <0.00201 | <0.00402 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 87.3 |
| SW76 | 10/13/23 | 3 | In-Situ | <0.00200 | <0.00399 | <50.1 | <50.1 | <50.1 | <50.1 | <50.1 | 30.1 |
| SW77 | 10/13/23 | 3 | In-Situ | <0.00200 | <0.00400 | <50.4 | <50.4 | <50.4 | <50.4 | <50.4 | 167 |
| SW78 | 10/13/23 | 2 | In-Situ | <0.00198 | <0.00396 | <50.3 | <50.3 | <50.3 | <50.3 | <50.3 | 209 |
| SW79 | 10/13/23 | 3 | In-Situ | <0.00201 | <0.00402 | <50.2 | <50.2 | <50.2 | <50.2 | <50.2 | 229 |
| SW80 | 10/13/23 | 3 | In-Situ | <0.00200 | <0.00401 | <50.5 | <50.5 | <50.5 | <50.5 | <50.5 | 134 |
| SW81 | 10/13/23 | 3 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 112 |
| SW82 | 11/1/23 | 3 | In-Situ | <0.00199 | <0.00398 | <49.7 | <49.7 | <49.7 | <49.7 | <49.7 | 7.62 |
| SW83 | 11/1/23 | 3 | In-Situ | <0.00199 | <0.00398 | <49.9 | <49.9 | <49.9 | <49.9 | <49.9 | 7.13 |
| SW84 | 11/1/23 | 3 | In-Situ | <0.00199 | <0.00398 | <49.6 | <49.6 | <49.6 | <49.6 | <49.6 | 8.19 |
| SW85 | 11/1/23 | 3 | In-Situ | <0.00200 | <0.00399 | <50.0 | <50.0 | <50.0 | <50.0 | <50.0 | 6.92 |
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |

**NOTES:**
- = Sample not analyzed for that constituent.
**Bold** text denotes a concentration that exceeds the NMOCD Closure Criteria

# Attachment I
# Karst and Wetland Maps




# J3 Pit

**Karst springs**

- Spring with low flow discharge ≥ 2 m³/s
- Spring with low flow discharge < 2 m³/s
- Submarine spring
- Thermal spring
- Water abstraction structure in karst aquifer
- Cave systems
- Border between exposed and non-exposed karstifiable rocks
- Selected city, partly dependent on groundwater
- Boundary of continuous permafrost
- Continuous ice sheet

**Karstifiable rocks (potential karst aquifer)**

- Continuous carbonate rocks
- Discontinuous carbonate rocks
- Continuous evaporite rocks
- Discontinuous evaporite rocks
- Mixed carbonate and evaporite rocks

Bundesanstalt für Geowissenschaften und Rohstoffe

0 3 6 12 18 km

1:288.895

Koordinatensystem: WGS 1984 Web Mercator Auxiliary Sphere
Projektion: Mercator Auxiliary Sphere

Datum: WGS 1984

Exportdatum: 16.08.2023

U.S. Fish and Wildlife Service
National Wetlands Inventory

# J3 Pit




August 16, 2023

**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.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

# Attachment II
# NMOCD Correspondence

## Daniel Dominguez

**From:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
**Sent:** Friday, October 6, 2023 10:36 AM
**To:** Daniel Dominguez
**Cc:** Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
**Subject:** RE: [EXTERNAL] Closure samples

Hi Daniel,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

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**From:** Daniel Dominguez <ddominguez@hungry-horse.com>
**Sent:** Friday, October 6, 2023 9:39 AM
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
**Subject:** [EXTERNAL] Closure samples

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

We will be collecting closure samples at the J3 Pit (nAPP2319449479) on Tuesday October 10, 2023 at 8 am.
This is our 2 day notice.

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

## Daniel Dominguez

**From:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
**Sent:** Wednesday, October 11, 2023 9:04 AM
**To:** Daniel Dominguez; Hamlet, Robert, EMNRD; Bratcher, Michael, EMNRD
**Subject:** RE: [EXTERNAL] Closure Samples

Good morning Daniel,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

---

**From:** Daniel Dominguez <ddominguez@hungry-horse.com>
**Sent:** Wednesday, October 11, 2023 6:04 AM
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
**Subject:** [EXTERNAL] Closure Samples

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

We will be collecting additional closure samples at the J3 Pit (nAPP2319449479) on Friday October 13, 2023 at 8 am.
This is our 2 day notice.

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

## Daniel Dominguez

**From:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
**Sent:** Friday, October 27, 2023 8:48 AM
**To:** Daniel Dominguez
**Cc:** Hamlet, Robert, EMNRD; Bratcher, Michael, EMNRD
**Subject:** RE: [EXTERNAL] Closure Samples

Good morning Daniel,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

---

**From:** Daniel Dominguez <ddominguez@hungry-horse.com>
**Sent:** Friday, October 27, 2023 7:19 AM
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
**Subject:** [EXTERNAL] Closure Samples

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

We will be collecting additional closure samples at the J3 Pit (nAPP2319449479) on Wednesday November 1, 2023 at 8 am. This is our 2 day notice.

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

**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 351419

## QUESTIONS

| | |
|---|---|
| Operator:<br>SELECT ENERGY SERVICES, LLC<br>1820 N I-35<br>Gainesville, TX 76240 | OGRID:<br>289068 |
| | Action Number:<br>351419 |
| | Action Type:<br>[NOTIFY] Notification Of Sampling (C-141N) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2319449479** |
| Incident Name | **NAPP2319449479 J3 PIT @ 0** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Notification Accepted** |

| **Location of Release Source** | |
|---|---|
| Site Name | **J3 Pit** |
| Date Release Discovered | **07/12/2023** |
| Surface Owner | **Federal** |

| **Sampling Event General Information**<br>*Please answer all the questions in this group.* | |
|---|---|
| What is the sampling surface area in square feet | 200 |
| What is the estimated number of samples that will be gathered | 1 |
| 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 | 10:15 AM |
| Please provide any information necessary for observers to contact samplers | Bradley Wells 269-267-4533 |
| Please provide any information necessary for navigation to sampling site | 32.2393185, -103.7283139 |

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1000 Rio Brazos Rd., Aztec, NM 87410
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**District IV**
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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



## CONDITIONS

| | |
|---|---|
| Operator:<br>SELECT ENERGY SERVICES, LLC<br>1820 N I-35<br>Gainesville, TX 76240 | OGRID:<br>289068 |
| | Action Number:<br>351419 |
| | Action Type:<br>[NOTIFY] Notification Of Sampling (C-141N) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| timsanbricker | 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. | 6/6/2024 |

# Attachment III
# Site Photographs

# Photographs

| Photo: 1 | Description: Release Area |
|---|---|




| Photo: 2 | Description: Release Area |
|---|---|

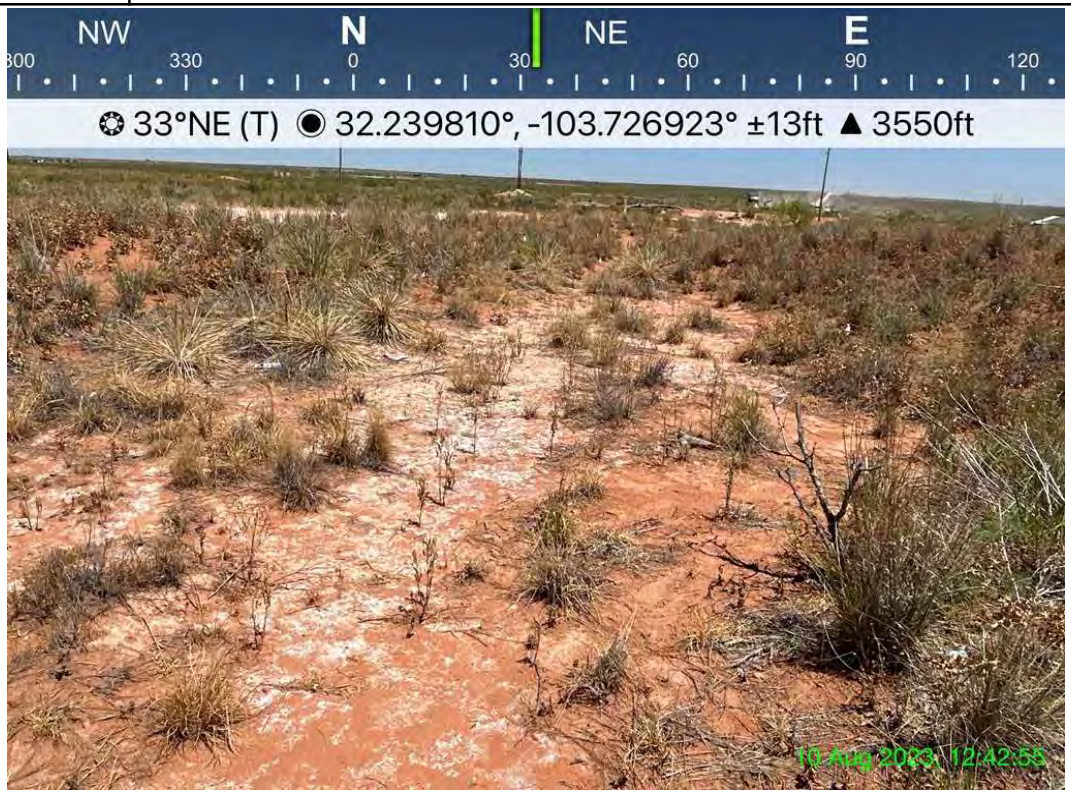


# Photographs

| Photo: | 3 | Description: Release Area |
|---|---|---|

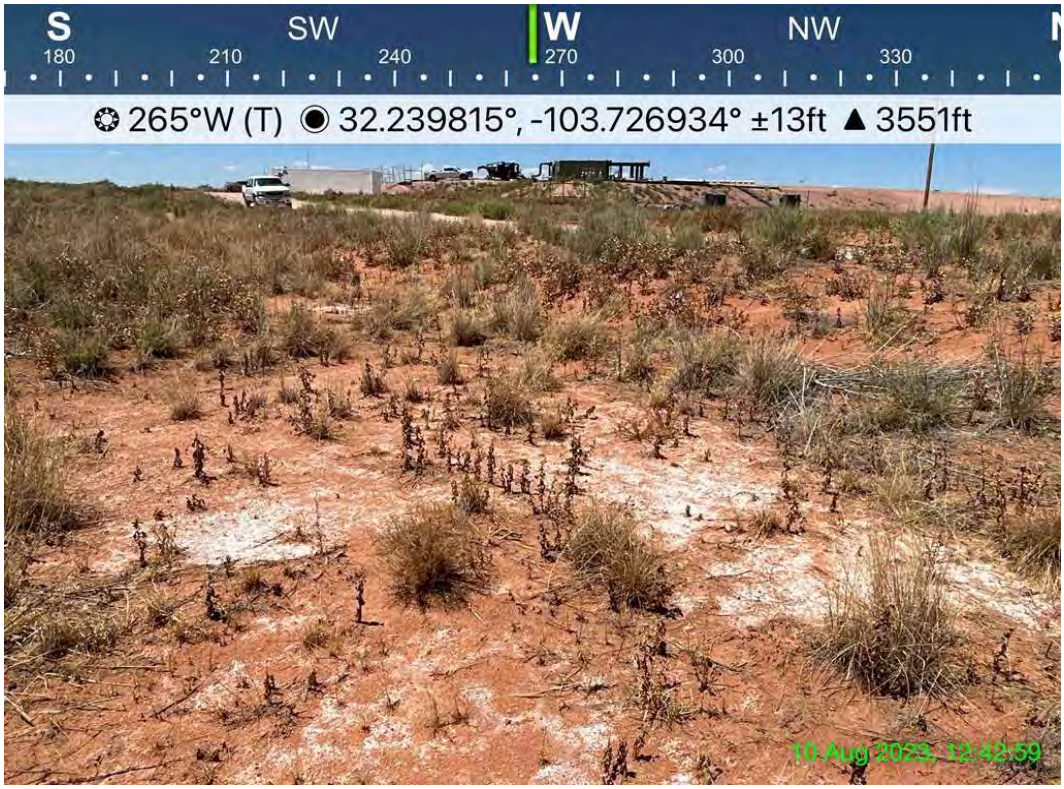



| Photo: | 4 | Description: Release Area |
|---|---|---|

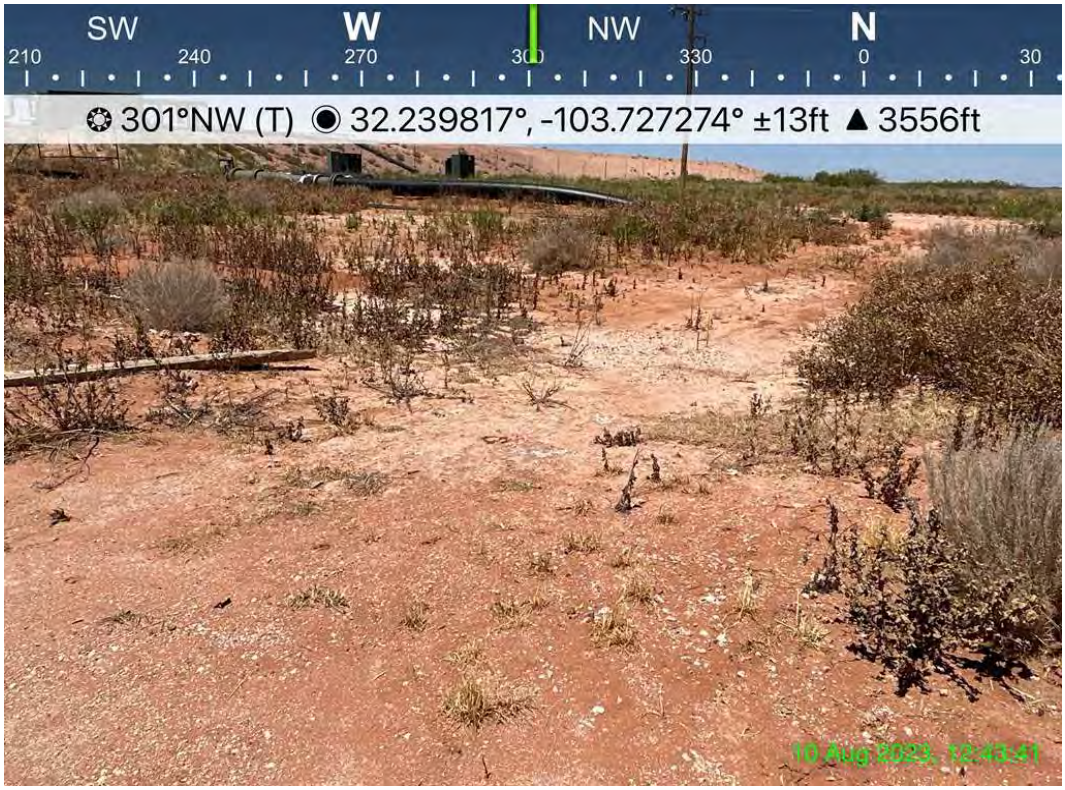


# Photographs

| Photo: 5 | Description: Release Area |
|---|---|




| Photo: 6 | Description: Release Area |
|---|---|



# Photographs

| Photo: 7 | Description: Release Area |
|---|---|




| Photo: 8 | Description: Release Area |
|---|---|



# Photographs

| Photo: 9 | Description: Release Area |
|---|---|




| Photo: 10 | Description: Release Area |
|---|---|



# Photographs

| Photo: 11 | Description: Excavation |
|---|---|




| Photo: 12 | Description: Excavation |
|---|---|

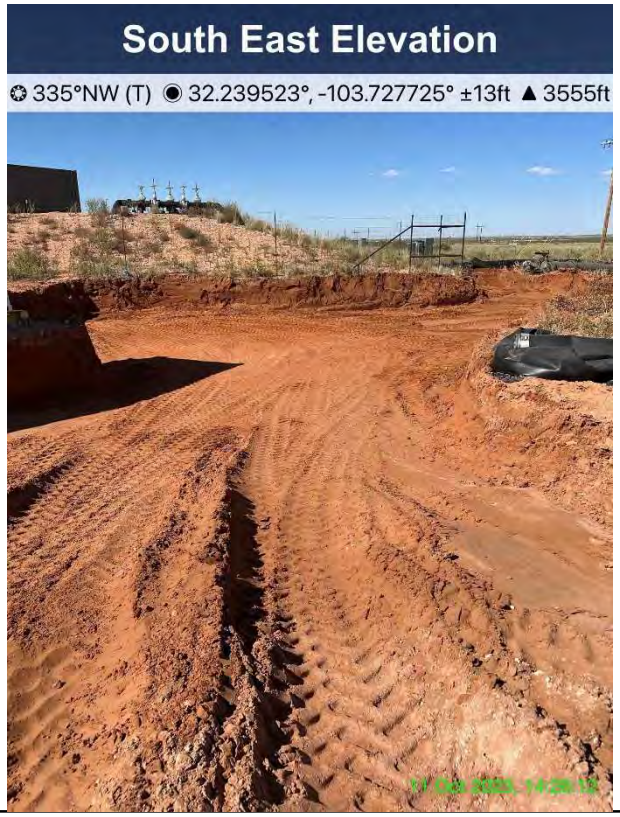


# Photographs

| Photo: 13 | Description: Excavation |
|---|---|




| Photo: 14 | Description: Excavation |
|---|---|



# Photographs

| Photo: 15 | Description: Excavation |
|---|---|




| Photo: 16 | Description: Excavation |
|---|---|



# Photographs

| Photo: 17 | Description: Excavation |
|---|---|




| Photo: 18 | Description: Excavation |
|---|---|



# Photographs

| Photo: 19 | Description: Excavation |
|---|---|




| Photo: 20 | Description: Excavation |
|---|---|



# Photographs

| Photo: 21 | Description: Excavation |
|---|---|




| Photo: 22 | Description: Excavation |
|---|---|



# Photographs

| Photo: 23 | Description: Excavation |
|---|---|




| Photo: 24 | Description: Excavation |
|---|---|



# Photographs

| Photo: 25 | Description: Backfill |
|---|---|




| Photo: 26 | Description: Backfill |
|---|---|



# Photographs

| Photo: 27 | Description: Backfill |
|---|---|




| Photo: 28 | Description: Backfill |
|---|---|



# Photographs

| Photo: 29 | Description: Backfilled |
|---|---|




| Photo: 30 | Description: Backfilled |
|---|---|



# Photographs

| Photo: 31 | Description: Backfilled |
|---|---|




| Photo: 32 | Description: Backfilled |
|---|---|



# Photographs

| Photo: 33 | Description: Backfilled |
|---|---|




| Photo: 34 | Description: Backfilled |
|---|---|



# Photographs

| Photo: 35 | Description: Backfilled |
|---|---|

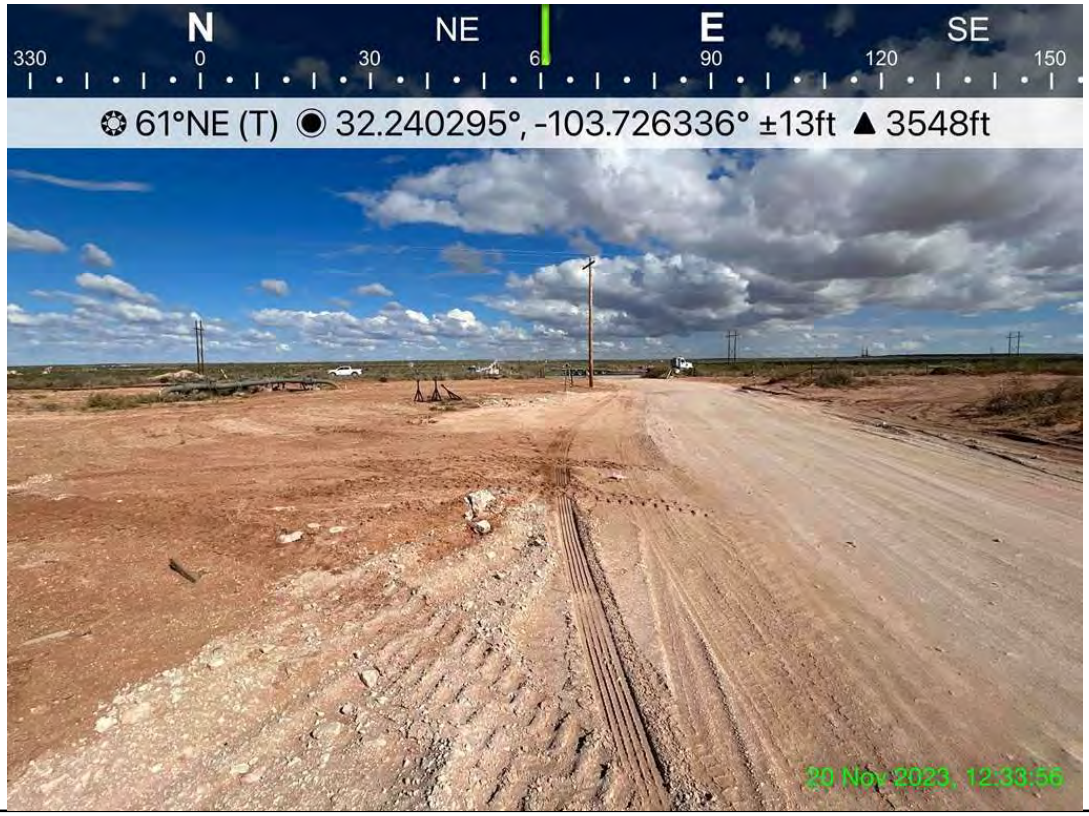



| Photo: 36 | Description: Backfilled |
|---|---|



# Photographs

| Photo: 37 | Description: Backfilled |
|---|---|




| Photo: 38 | Description: Backfilled |
|---|---|



# Photographs

| Photo: 39 | Description: Backfilled |
|---|---|




| Photo: 40 | Description: Backfilled |
|---|---|



# Photographs

| Photo: 41 | Description: Backfilled |
|---|---|




| Photo: 42 | Description: Backfilled |
|---|---|

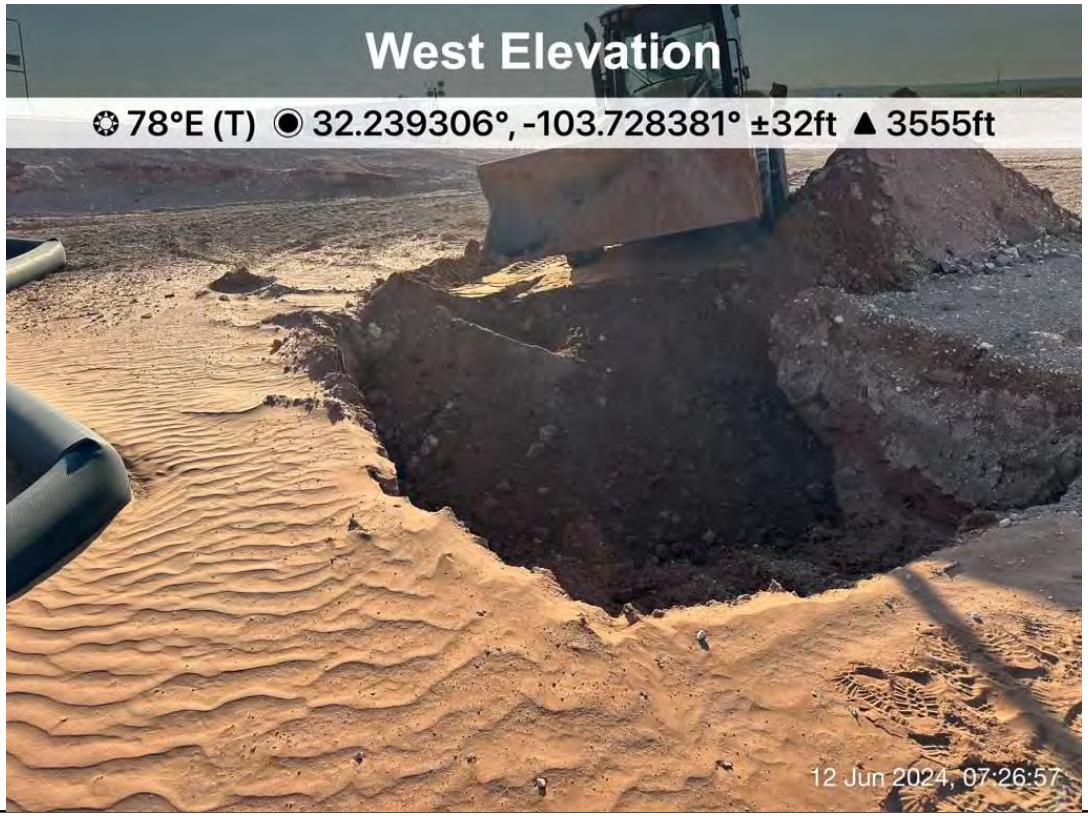


# Photographs

| Photo: 43 | Description: FL223 excavated |
|---|---|

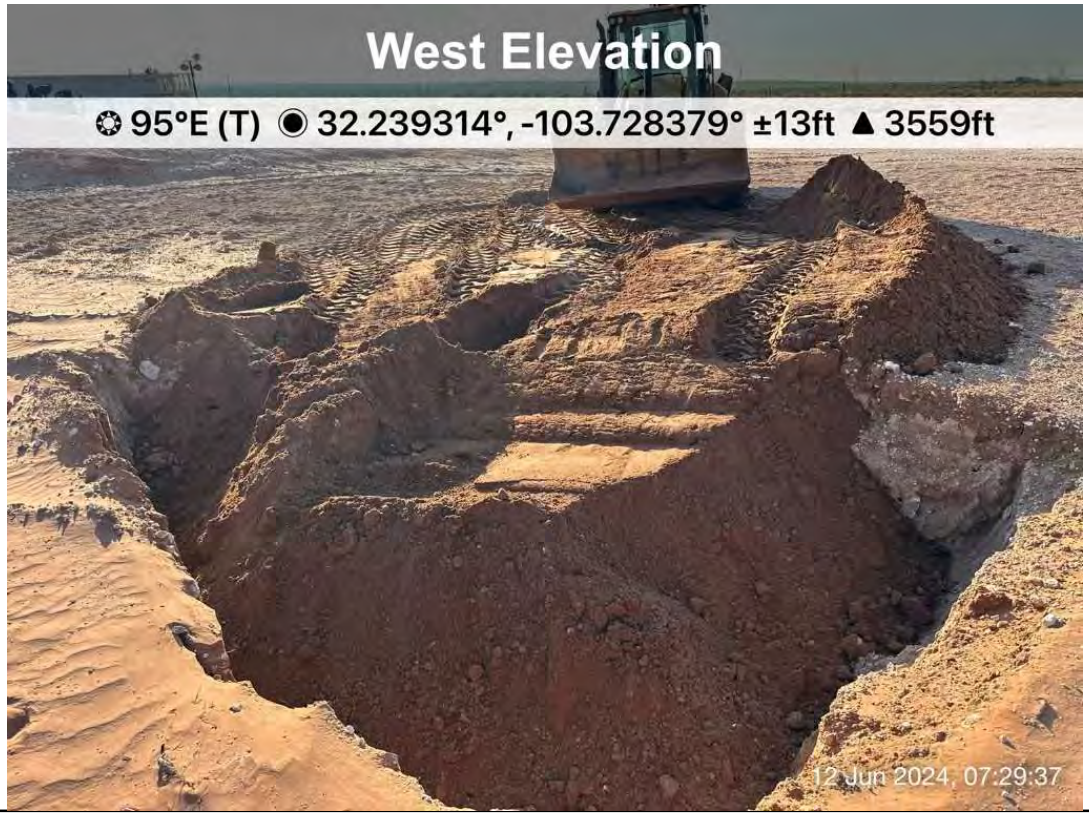



| Photo: 44 | Description: Backfilling |
|---|---|



# Photographs

| Photo: 45 | Description: Backfilling |
|---|---|




| Photo: 46 | Description: Backfilled |
|---|---|



# Attachment IV
# Depth to Groundwater

*New Mexico Office of the State Engineer*

# Wells with Well Log Information

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

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

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

(NAD83 UTM in meters)

(in feet)

| POD Number | POD Code | Subbasin | County | Source | q 64 | q 16 | q 4 | Sec | Twn | Rng | X | Y | Distance | Start Date | Finish Date | Log File Date | Depth Well | Depth Water | Driller | License Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C 04672 POD 1 | | CUB | ED | | 2 | 1 | 4 | 01 | 24S | 31E | 619762 | 3568286 | 605 | 09/01/2022 | 09/01/2022 | 09/26/2022 | 110 | | RUSSELL SOUTHERLAND | 1184 |

**Record Count:** 1

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 619810.95 **Northing (Y):** 3567683.41 **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.

# *New Mexico Office of the State Engineer*
# Point of Diversion Summary

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

| Well Tag | POD Number | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| NA | C 04672 POD 1 | 2 | 1 | 4 | 01 | 24S | 31E | 619762 | 3568286 |

| | | | | | |
|---|---|---|---|---|---|
| **Driller License:** | 1184 | **Driller Company:** | WEST TEXAS WATER WELL SERVICE | | |
| **Driller Name:** | RUSSELL SOUTHERLAND | | | | |
| **Drill Start Date:** | 09/01/2022 | **Drill Finish Date:** | 09/01/2022 | **Plug Date:** | |
| **Log File Date:** | 09/26/2022 | **PCW Rcv Date:** | | **Source:** | |
| **Pump Type:** | | **Pipe Discharge Size:** | | **Estimated Yield:** | |
| **Casing Size:** | | **Depth Well:** | 110 feet | **Depth Water:** | |

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

# WELL RECORD & LOG

## OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

**1. GENERAL AND WELL LOCATION**

| OSE POD NO. (WELL NO.) | WELL TAG ID NO. | OSE FILE NO(S). |
|---|---|---|
| C-04672 POD 1 | | C-04672 |

| WELL OWNER NAME(S) | PHONE (OPTIONAL) |
|---|---|
| OXY US INC | |

| WELL OWNER MAILING ADDRESS | CITY | STATE | ZIP |
|---|---|---|---|
| PO BOX 4294 | HOUSTON | TX | 77210 |

| WELL LOCATION (FROM GPS) | | DEGREES | MINUTES | SECONDS | |
|---|---|---|---|---|---|
| | LATITUDE | 32 | 14 | 41.51 | N |
| | LONGITUDE | -103 | 43 | 43.43 | W |

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

PROXIMITY 31

**2. DRILLING & CASING INFORMATION**

| LICENSE NO. | NAME OF LICENSED DRILLER | NAME OF WELL DRILLING COMPANY |
|---|---|---|
| WD-1184 | RUSSELL SOUTHERLAND | WEST TEXAS WATER WELL SERVICE |

| DRILLING STARTED | DRILLING ENDED | DEPTH OF COMPLETED WELL (FT) | BORE HOLE DEPTH (FT) | DEPTH WATER FIRST ENCOUNTERED (FT) |
|---|---|---|---|---|
| 09/01/2022 | 09/01/2022 | 110 | | |

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

| DEPTH (feet bgl) FROM | DEPTH (feet bgl) TO | BORE HOLE DIAM (inches) | CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) | CASING CONNECTION TYPE (add coupling diameter) | CASING INSIDE DIAM. (inches) | CASING WALL THICKNESS (inches) | SLOT SIZE (inches) |
|---|---|---|---|---|---|---|---|
| | | | NO CASING IN HOLE | | | | |

OSE DII SEP 26 2022 PM3:28

**3. ANNULAR MATERIAL**

| DEPTH (feet bgl) FROM | DEPTH (feet bgl) TO | BORE HOLE DIAM. (inches) | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL | AMOUNT (cubic feet) | METHOD OF PLACEMENT |
|---|---|---|---|---|---|
| | | | N/A | | |

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

| FILE NO. C-4672 | POD NO. 1 | TRN NO. 734614 | |
|---|---|---|---|
| LOCATION 24S. 31E. 01 214 | | WELL TAG ID NO. | PAGE 1 OF 2 |

**4. HYDROGEOLOGIC LOG OF WELL**

| DEPTH (feet bgl) FROM | DEPTH (feet bgl) TO | THICKNESS (feet) | COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units) | WATER BEARING? (YES / NO) | ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm) |
|---|---|---|---|---|---|
| 0 | 10 | | RED SAND, TOPSOIL | Y ✔ N | |
| 10 | 20 | | CALICHIE | Y ✔ N | |
| 20 | 37 | | RED SANDY CLAY | Y ✔ N | |
| 37 | 40 | | SANDSTONE | Y ✔ N | |
| 40 | 50 | | LIGHT RED SANDY CLAY | Y ✔ N | |
| 50 | 78 | | RED CLAY W/ SANDSTONE | Y ✔ N | |
| 78 | 88 | | RED CLAY | Y ✔ N | |
| 88 | 91 | | SANDSTONE | Y ✔ N | |
| 91 | 93 | | RED CLAY | Y ✔ N | |
| 93 | 100 | | SANDSTONE | Y ✔ N | |
| 100 | 110 | | RED SANDSTONE | Y ✔ N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |
| | | | | Y N | |

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☑ OTHER – SPECIFY: DRY HOLE

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

**5. TEST; RIG SUPERVISION**

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

OSE DII SEP 26 2022 PM3:28

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

RUSSELL SOUTHERLAND

**6. SIGNATURE**

BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.

Russell Southerland — RUSSELL SOUTHERLAND — 09/01/2022

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/2019)

| FILE NO. C-4672 | POD NO. 1 | TRN NO. 734614 | |
|---|---|---|---|
| LOCATION 24S.31E.01 214 | | WELL TAG ID NO. | PAGE 2 OF 2 |

Mike A. Hamman, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 734614
File Nbr: C 04672
Well File Nbr: C 04672 POD 1

Oct. 04, 2022

BEAUX JENNINGS
ENSOLUM LLC
601 N. MARIENFELD ST SUITE 400
MIDLAND, TX 79701

Greetings:

The above numbered permit was issued in your name on 09/22/2022.

The Well Record was received in this office on 09/26/2022, stating that it had been completed on 09/01/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 09/22/2023.

If you have any questions, please feel free to contact us.

Sincerely,

Vanessa Clements
(575)622-6521

drywell

Mike A. Hamman, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

# STATE OF NEW MEXICO
## OFFICE OF THE STATE ENGINEER

Trn Nbr: 734614
File Nbr: C 04672
Well File Nbr: C 04672 POD 1

Oct. 04, 2022

WADE DITTRICH
OXY USA INC.
P.O. BOX 4294
HOUSTON, TX 77210

Greetings:

The above numbered permit was issued in your name on 09/22/2022.

The Well Record was received in this office on 09/26/2022, stating that it had been completed on 09/01/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 09/22/2023.

If you have any questions, please feel free to contact us.

Sincerely,

Vanessa Clements
(575)622-6521

drywell

# Attachment V
# Field Data

Hungry Horse, LLC

# Sample Log

Date:

Project: J3 Pit

Latitude: 32.239419 Longitude: -103.728289 Sampler: Jerry Heidelberg

| Sample ID | Depth | PID/Odor | Chloride | GPS |
|---|---|---|---|---|
| HZ 1 | Surf | | 3.0@ 89X4= | |
| HZ 1 | 1' | | 3.4@ 111X4=444 | |
| HZ 2 | Surf | | 1.2>100 | |
| HZ 2 | 1 | | 3.0@89X4= | |
| HZ 3 | Surf | | 2.6@ 70X4= | |
| HZ 3 | 1' | | 2.6@70X4= | |
| HZ 4 | Surf | | 2.8@ 79X4= | |
| HZ 4 | 1' | | 2.6@ 70X4= | |
| HZ 5 | Surf | | 2.8@ 79X4= | |
| HZ 5 | 1' | | 2.4@62X4= | |
| HZ 6 | Surf | | 3.0 89X4= | |
| HZ 6 | 1' | | 2.8@79X4= | |
| HZ 7 | Surf | | 3.6@122X4=488 | |
| HZ 7 | 1' | | 2.6@70X4= | |
| HZ 8 | Surf | | 2.8@79X4= | |
| HZ 8 | 1' | | 3.6@122X4=488 | |
| HZ 9 | Surf | | 2.8@79X4= | |
| HZ 9 | 1' | | 2.2@54X4= | |

Sample Point = SP1 @ ## etc | Horizontal = HZ1 etc | Test Trench = TT1 @ ##

Floor = FL1 etc | Refusal = SP1 @ 4'-R | Resamples= SP1b @ 5' or SW #1b

Sidewall = SW1 etc | GPS Sample Points, Center of Comp Areas | Stockpile = Stockpile #1

# Sample Log

**Hungry Horse, LLC**

Project: J3 Pit Date:

Karst **No** Water **>100** GPS: 32.239419, -103.728289

Standard TPH 100mg/kg, Chloride 600mg/kg Sampler: Jerry Heidelberg

| Sample ID | Depth | PID/Odor | Chloride | GPS |
|---|---|---|---|---|
| HZ 10 | Surf | ~~28~~ | 2.8@79X4= 316 | |
| HZ 10 | 1' | | 2.6@70X4= 280 | |
| SP1 | Surf | | 4.6@192X4= 768 | |
| SP1 | 1' | | 5.8@302X4= 1208 | |
| SP1 | 2' | | 6.0@323X4= 1292 | |
| SP1 | 3' | | 5.2@ 243X4= 972 | |
| SP1 | 4' | | 6.8@ 424X4= 1696 | |
| SP1 | 6' | | 7.8 H@ 3466X4= 13,864 | |
| SP1 | 8' | | 6.8 H@ 1938X4= 7,752 | |
| SP1 | 10' | | 5.8@ 302X4= 1208 | |
| SP1 | 12' | | 2.8@79X4= 316 | |
| SP2 | Surf | | 6.6@396X4= 1584 | |
| SP2 | 1' | | 8.0@647X4= 2588 | |
| SP2 | 2' | | 7.6@558X4= 2232 | |
| SP2 | 3' | | 6.8@424X4= 1696 | |
| SP2 | 4' | | 1.4@29X4= 116 | |
| SP3 | Surf | | 4.6@192X4= 768 | |
| SP3 | 1' | | 4.8 H@1052X4= 4208 | |
| SP3 | 2' | | ~~7.8@600X4=2400~~ 7.8@600X4=2400 | |
| SP3 | 3' | | 3.8 H@ 678X4=2712 | |
| SP3 | 4' | | 4.8 H@1052X4= 4208 | |
| SP3 | 6' | | 8.0@647X4= 2588 | |
| SP3 | 8' | | 3.0@89X4= 356 | |
| SP4 | Surf | | 6.8 H@2338X4= 9352 | |
| SP4 | 1' | | 7.4@520X4= 2080 | |
| SP4 | 2' | | 8.0@647X4= 2588 | |
| SP4 | 3' | | ~~5.4 H~~ 4.8 H@ 1052X4= 4208 | |
| SP4 | 4' | | 4.8 H@1052X4= 4208 | |
| SP4 | 6' | | 5.8 H@ 1578X4= 6312 | |
| SP4 | 8' | | 7.8@486X4= 1944 | |
| SP4 | 10' | | 3.0@89X4= 356 | |
| SP5 | Surf | | 5.4 H@1346X4= 5384 | |
| SP5 | 1' | | 2.6@70X4= 280 | |
| SP5 | 2' | | 2.8@79X4= 316 | |
| SP5 | 3' | | 3.0@89X4= 356 | |
| SP5 | 4' | | 3.4@111X4=444 | |

Sample Point = SP1 @ ## etc | Horizontal = HZ1 etc | Test Trench = TT1 @ ##

Floor = FL1 etc | Refusal = SP1 @ 4'-R | Resamples= SP1b @ 5' or SW #1b

Sidewall = SW1 etc | GPS Sample Points, Center of Comp Areas | Stockpile = Stockpile #1

# Sample Log

**Hungry Horse, LLC**

Project: J3 Pit

Karst **No** Water **>100**

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

Date:

GPS: 32.239419, -103.728289

Sampler: Jerry Heidelberg

| Sample ID | Depth | PID/Odor | Chloride | GPS |
|---|---|---|---|---|
| SP6 | Surf | | 8.0 H@3662X4= | |
| SP6 | 1' | | 2.8@ 79X4= 316 | |
| SP6 | 2' | | 2.8@ 79X4= 316 | |
| SP6 | 3' | | 3.0@ 89X4= 356 | |
| SP6 | 4' | | 2.6@ 70X4= 280 | |
| SP7 | Surf | | 2.8@ 79X4= 316 | |
| SP7 | 1' | | 2.4@ 62X4= 248 | |
| SP7 | 2' | | 2.8@ 79X4= 316 | |
| SP7 | 3' | | 3.0@ 89X4= 356 | |
| SP7 | 4' | | 3.4@ 111X4= 444 | |
| SP8 | Surf | | 6.0 H@ 1708X4= 6,832 | |
| SP8 | 1' | | 4.4@ 177X4= 708 | |
| SP8 | 2' | | 4@ 148X4= 592 | |
| SP8 | 3' | | 3.6@ 122X4= 488 | |
| SP8 | 4' | | 2.8@ 79X4= 316 | |
| SP9 | Surf | | 7.0 H@ 2531 = 10,124 | |
| SP9 | 1' | | 2.6@ 70X4= 280 | |
| SP9 | 2' | | 2.8@ 79X4= 316 | |
| SP9 | 3' | | | |
| SP9 | 4' | | | |
| SP10 | Surf | | 5.4 H@ 1346X4= 5384 | |
| SP 10 | 1' | | 1.6@ 41X4= 164 | |
| SP 10 | 2' | | 1.8@ 41X4= 164 | |
| SP 10 | 3' | | 2.2@ 54X4= 216 | |
| SP 10 | 4' | | 2.0@ 47X4= 188 | |
| SP11 | Surf | | 2.8@ 79X4= 316 | |
| SP11 | 1' | | 2.2@ 54X4= 216 | |
| SP12 | 2' | | 1.8@ 41X4= 164 | |
| SP11 | 3' | | 3.0@ 89X4= 356 | |
| SP11 | 4' | | 3.6@ 122X4= 488 | |
| SP12 | Surf | | 2.6@ 70X4= 280 | |
| SP12 | 1' | | 2.8@ 79X4= 316 | |
| SP12 | 2' | | 2.6@ 70X4= 280 | |
| SP12 | 3' | | 2.2@ 54X4= 216 | |
| SP12 | 4' | | 2.8@ 79X4= 316 | |
| SP13 | Surf | | 6.0@ 323X4= 1292 | |

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

# Sample Log

**Hungry Horse, LLC**

Project: J3 Pit

Karst **No** Water **>100**

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

Date:

GPS: 32.239419, -103.728289

Sampler: Jerry Heidelberg

| Sample ID | Depth | PID/Odor | Chloride | GPS |
|---|---|---|---|---|
| SP13 | 1' | | 7.0@ 454 x4 = 1816 | |
| SP13 | 2' | | 4.2@148X4= 592 | |
| SP13 | 3' | | 2.4@ 62x4 = 248 | |
| SP13 | 4' | | 4@ 144x4 = 592 | |
| SP14 | Surf | | 8.0H @3862 x4 = 15,448 | |
| SP14 | 1' | | 4.0@ 148x4 = 592 | |
| SP14 | 2' | | 3.6@ 122x4 = 488 | |
| SP14 | 3' | | 4.6@ 192 x4 = 768 | |
| SP14 | 4' | | 3.8@ 135 x4 = 540 | |

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

# Attachment VI
# Laboratory Analytical Reports

CARDINAL Laboratories

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

August 23, 2023

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: J3 PIT

Enclosed are the results of analyses for samples received by the laboratory on 08/17/23 16:00.

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

Cardinal Laboratories is accreditated 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,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 1 - SURF (H234477-01)

**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 | 08/21/2023 | ND | 1.98 | 98.9 | 2.00 | 5.68 | |
| Toluene* | <0.050 | 0.050 | 08/21/2023 | ND | 1.97 | 98.3 | 2.00 | 5.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/21/2023 | ND | 2.01 | 100 | 2.00 | 3.30 | |
| Total Xylenes* | <0.150 | 0.150 | 08/21/2023 | ND | 6.06 | 101 | 6.00 | 2.28 | |
| Total BTEX | <0.300 | 0.300 | 08/21/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **32.0** | 16.0 | 08/21/2023 | ND | 432 | 108 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *101 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *112 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 1 - 1' (H234477-02)

**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 | 08/21/2023 | ND | 1.98 | 98.9 | 2.00 | 5.68 | |
| Toluene* | <0.050 | 0.050 | 08/21/2023 | ND | 1.97 | 98.3 | 2.00 | 5.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/21/2023 | ND | 2.01 | 100 | 2.00 | 3.30 | |
| Total Xylenes* | <0.150 | 0.150 | 08/21/2023 | ND | 6.06 | 101 | 6.00 | 2.28 | |
| Total BTEX | <0.300 | 0.300 | 08/21/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **32.0** | 16.0 | 08/21/2023 | ND | 432 | 108 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *96.3 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *107 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 2 - SURF (H234477-03)

**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 | 08/21/2023 | ND | 1.98 | 98.9 | 2.00 | 5.68 | |
| Toluene* | <0.050 | 0.050 | 08/21/2023 | ND | 1.97 | 98.3 | 2.00 | 5.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/21/2023 | ND | 2.01 | 100 | 2.00 | 3.30 | |
| Total Xylenes* | <0.150 | 0.150 | 08/21/2023 | ND | 6.06 | 101 | 6.00 | 2.28 | |
| Total BTEX | <0.300 | 0.300 | 08/21/2023 | 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 | <16.0 | 16.0 | 08/21/2023 | ND | 432 | 108 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *102 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *113 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 2 - 1' (H234477-04)

**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 | 08/21/2023 | ND | 1.98 | 98.9 | 2.00 | 5.68 | |
| Toluene* | <0.050 | 0.050 | 08/21/2023 | ND | 1.97 | 98.3 | 2.00 | 5.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/21/2023 | ND | 2.01 | 100 | 2.00 | 3.30 | |
| Total Xylenes* | <0.150 | 0.150 | 08/21/2023 | ND | 6.06 | 101 | 6.00 | 2.28 | |
| Total BTEX | <0.300 | 0.300 | 08/21/2023 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.6 %* *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 | <16.0 | 16.0 | 08/21/2023 | ND | 432 | 108 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *104 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *115 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 3 - SURF (H234477-05)

**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 | 08/21/2023 | ND | 1.98 | 98.9 | 2.00 | 5.68 | |
| Toluene* | <0.050 | 0.050 | 08/21/2023 | ND | 1.97 | 98.3 | 2.00 | 5.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/21/2023 | ND | 2.01 | 100 | 2.00 | 3.30 | |
| Total Xylenes* | <0.150 | 0.150 | 08/21/2023 | ND | 6.06 | 101 | 6.00 | 2.28 | |
| Total BTEX | <0.300 | 0.300 | 08/21/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **32.0** | 16.0 | 08/21/2023 | ND | 432 | 108 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *100 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *108 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 3 - 1' (H234477-06)

**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 | 08/21/2023 | ND | 1.98 | 98.9 | 2.00 | 5.68 | |
| Toluene* | <0.050 | 0.050 | 08/21/2023 | ND | 1.97 | 98.3 | 2.00 | 5.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/21/2023 | ND | 2.01 | 100 | 2.00 | 3.30 | |
| Total Xylenes* | <0.150 | 0.150 | 08/21/2023 | ND | 6.06 | 101 | 6.00 | 2.28 | |
| Total BTEX | <0.300 | 0.300 | 08/21/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **32.0** | 16.0 | 08/21/2023 | ND | 432 | 108 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *101 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *111 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 4 - SURF (H234477-07)

**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 | 08/21/2023 | ND | 1.98 | 98.9 | 2.00 | 5.68 | |
| Toluene* | <0.050 | 0.050 | 08/21/2023 | ND | 1.97 | 98.3 | 2.00 | 5.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/21/2023 | ND | 2.01 | 100 | 2.00 | 3.30 | |
| Total Xylenes* | <0.150 | 0.150 | 08/21/2023 | ND | 6.06 | 101 | 6.00 | 2.28 | |
| Total BTEX | <0.300 | 0.300 | 08/21/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <16.0 | 16.0 | 08/21/2023 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *105 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *117 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 4 - 1' (H234477-08)

**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 | 08/21/2023 | ND | 1.98 | 98.9 | 2.00 | 5.68 | |
| Toluene* | <0.050 | 0.050 | 08/21/2023 | ND | 1.97 | 98.3 | 2.00 | 5.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/21/2023 | ND | 2.01 | 100 | 2.00 | 3.30 | |
| Total Xylenes* | <0.150 | 0.150 | 08/21/2023 | ND | 6.06 | 101 | 6.00 | 2.28 | |
| Total BTEX | <0.300 | 0.300 | 08/21/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <16.0 | 16.0 | 08/21/2023 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *100 %* *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: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 5 - SURF (H234477-09)

**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 | 08/22/2023 | ND | 1.98 | 98.9 | 2.00 | 5.68 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.97 | 98.3 | 2.00 | 5.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 2.01 | 100 | 2.00 | 3.30 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 6.06 | 101 | 6.00 | 2.28 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <16.0 | 16.0 | 08/21/2023 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *102 %* *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: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 5 - 1' (H234477-10)

**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 | 08/22/2023 | ND | 1.98 | 98.9 | 2.00 | 5.68 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.97 | 98.3 | 2.00 | 5.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 2.01 | 100 | 2.00 | 3.30 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 6.06 | 101 | 6.00 | 2.28 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **32.0** | 16.0 | 08/21/2023 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *98.3 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *107 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 6 - SURF (H234477-11)

**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 | 08/22/2023 | ND | 1.98 | 98.9 | 2.00 | 5.68 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.97 | 98.3 | 2.00 | 5.80 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 2.01 | 100 | 2.00 | 3.30 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 6.06 | 101 | 6.00 | 2.28 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **48.0** | 16.0 | 08/21/2023 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *97.1 %* *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: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 6 - 1' (H234477-12)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <16.0 | 16.0 | 08/21/2023 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *99.3 %* *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: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 7 - SURF (H234477-13)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.3 %* *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 | 08/21/2023 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *101 %* *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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P.O. Box 1058
Hobbs NM, 88240
Fax To: (505) 391-4585

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 7 - 1' (H234477-14)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.2 %* *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 | <16.0 | 16.0 | 08/21/2023 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *103 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *114 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 8 - SURF (H234477-15)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <16.0 | 16.0 | 08/21/2023 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *98.7 %* *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: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 8 - 1' (H234477-16)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **48.0** | 16.0 | 08/21/2023 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *84.2 %* *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: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 9 - SURF (H234477-17)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <16.0 | 16.0 | 08/21/2023 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *104 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *115 %* *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: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 9 - 1' (H234477-18)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <16.0 | 16.0 | 08/21/2023 | 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 | 08/22/2023 | ND | 181 | 90.4 | 200 | 6.82 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 200 | 99.9 | 200 | 5.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *94.9 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *104 %* *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: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 10 - SURF (H234477-19)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <16.0 | 16.0 | 08/21/2023 | 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 | 08/21/2023 | ND | 163 | 81.7 | 200 | 6.57 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/21/2023 | ND | 173 | 86.6 | 200 | 6.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/21/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *96.9 %* *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: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: HZ 10 - 1' (H234477-20)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **32.0** | 16.0 | 08/21/2023 | 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 | 08/21/2023 | ND | 163 | 81.7 | 200 | 6.57 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/21/2023 | ND | 173 | 86.6 | 200 | 6.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/21/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *97.2 %* *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: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 1 - SURF (H234477-21)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **4000** | 16.0 | 08/21/2023 | 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 | 08/21/2023 | ND | 163 | 81.7 | 200 | 6.57 | |
| **DRO >C10-C28*** | **52.5** | 10.0 | 08/21/2023 | ND | 173 | 86.6 | 200 | 6.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/21/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *93.5 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *108 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 1 - 12' (H234477-22)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | 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** | **16.0** | 16.0 | 08/21/2023 | 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 | 08/21/2023 | ND | 163 | 81.7 | 200 | 6.57 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/21/2023 | ND | 173 | 86.6 | 200 | 6.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/21/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *91.6 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *101 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 2 - SURF (H234477-23)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1340** | 16.0 | 08/21/2023 | 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 | 08/21/2023 | ND | 163 | 81.7 | 200 | 6.57 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/21/2023 | ND | 173 | 86.6 | 200 | 6.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/21/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *102 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *115 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 2 - 4' (H234477-24)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **144** | 16.0 | 08/21/2023 | 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 | 08/21/2023 | ND | 163 | 81.7 | 200 | 6.57 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/21/2023 | ND | 173 | 86.6 | 200 | 6.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/21/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *110 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *124 %* *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: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 3 - SURF (H234477-25)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **336** | 16.0 | 08/21/2023 | 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 | 08/22/2023 | ND | 163 | 81.7 | 200 | 6.57 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 173 | 86.6 | 200 | 6.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *107 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *118 %* *49.1-148*

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## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 3 - 8' (H234477-26)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *98.7 %* *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 | <16.0 | 16.0 | 08/21/2023 | 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 | 08/22/2023 | ND | 163 | 81.7 | 200 | 6.57 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 173 | 86.6 | 200 | 6.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *106 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *117 %* *49.1-148*

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## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 4 - SURF (H234477-27)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **4400** | 16.0 | 08/21/2023 | ND | 416 | 104 | 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 | 08/22/2023 | ND | 163 | 81.7 | 200 | 6.57 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 173 | 86.6 | 200 | 6.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *117 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *130 %* *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: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 4 - 10' (H234477-28)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **16.0** | 16.0 | 08/21/2023 | ND | 416 | 104 | 400 | 3.92 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/22/2023 | ND | 163 | 81.7 | 200 | 6.57 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 173 | 86.6 | 200 | 6.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *105 %* *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: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 5 - SURF (H234477-29)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3400** | 16.0 | 08/21/2023 | ND | 416 | 104 | 400 | 3.92 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/22/2023 | ND | 163 | 81.7 | 200 | 6.57 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 173 | 86.6 | 200 | 6.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *106 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *118 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/17/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/23/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 5 - 4' (H234477-30)

**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 | 08/22/2023 | ND | 1.93 | 96.5 | 2.00 | 3.20 | |
| Toluene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.91 | 95.6 | 2.00 | 3.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2023 | ND | 1.99 | 99.5 | 2.00 | 4.37 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2023 | ND | 5.98 | 99.7 | 6.00 | 4.46 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **32.0** | 16.0 | 08/21/2023 | ND | 416 | 104 | 400 | 3.92 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/22/2023 | ND | 163 | 81.7 | 200 | 6.57 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2023 | ND | 173 | 86.6 | 200 | 6.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *105 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *116 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## 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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Celey D. Keene, Lab Director/Quality Manager

# CARDINAL Laboratories

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | |
|---|---|---|---|---|---|
| Company Name: | Hungry Horse LLC | | | | |
| Project Manager: | Bradley Wells | | | | |
| Address: | PO Box 1058 | | | | |
| City: | Hobbs | State: NM | Zip: 88241 | | |
| Phone #: | 575 393-3386 | Fax #: | | | |
| Project #: | | Project Owner: | Select Water Solutions | | |
| Project Name: | J3 Pit | | | | |
| Project Location: | UL/ O,P Sec 1 T24S - R31E | | | | |
| Sampler Name: | Jerry Heidelberg | | | | |

**BILL TO**

| | |
|---|---|
| P.O. #: | |
| Company | Select Water Solutions |
| Attn: | Timsan Bricker |
| Address: | 1502 E Greene St. |
| City: | Carlsbad |
| State: | NM Zip: 88220 |
| Phone #: | 515-200-7551 |
| Fax #: | |

**ANALYSIS REQUEST**

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | PRESERV.: ACID/BASE: | ICE / COOL | OTHER : | SAMPLING: DATE | TIME | Chloride | TPH | BTEX 8021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HZ34477 | | | | | | | | | | | | | | | | | |
| 1 | HZ1-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 2 | HZ1-1' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 3 | HZ2-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 4 | HZ2-1' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 5 | HZ3-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 6 | HZ3-1' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 7 | HZ4-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 8 | HZ4-1' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 9 | HZ5-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 10 | HZ5-1' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |

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| | | | |
|---|---|---|---|
| Relinquished By: Jerry Heidelberg | Date: 8-17-23 | Received By: Tamara Oldaker | |
| | Time: 1600 | | |
| Relinquished By: | Date: | Received By: | |
| | Time: | | |

Delivered By: (Circle One) #140
Sampler - UPS - Bus - Other: 0.4°c

| Sample Condition | | CHECKED BY: (Initials) |
|---|---|---|
| Cool | Intact | |
| ☑ Yes ☐ No | ☑ Yes ☐ No | |

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:

**REMARKS:**

Email results to: pm@hungry-horse.com
tbricker@selectwater.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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# CARDINAL Laboratories

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | |
|---|---|---|---|---|---|
| Company Name: | Hungry Horse LLC | | | BILL TO | |
| Project Manager: | Bradley Wells | | | P.O. #: | |
| Address: | PO Box 1058 | | | Company | Select Water Solutions |
| City: | Hobbs | State: NM | Zip: 88241 | Attn: | Timsan Bricker |
| Phone #: | 575 393-3386 | Fax #: | | Address: | 1502 E Greene St. |
| Project #: | | Project Owner: | Select Water Solutions | City: | Carlsbad |
| Project Name: | J3 Pit | | | State: NM | Zip: 88220 |
| Project Location: | UL/ O,P Sec 1 T24S - R31E | | | Phone #: | 515-200-7551 |
| Sampler Name: | Jerry Heidelberg | | | Fax #: | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH | BTEX 8021 | | | | | | | | | | |
| H234477 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | HZ6-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X | | | | | | | | | |
| 12 | HZ6-1' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X | | | | | | | | | |
| 13 | HZ7-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X | | | | | | | | | |
| 14 | HZ7-1' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X | | | | | | | | | |
| 15 | HZ8-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X | | | | | | | | | |
| 16 | HZ8-1' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X | | | | | | | | | |
| 17 | HZ9-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X | | | | | | | | | |
| 18 | HZ9-1' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X | | | | | | | | | |
| 19 | HZ10-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X | | | | | | | | | |
| 20 | HZ10-1' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X | | | | | | | | | |

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| | | | |
|---|---|---|---|
| Relinquished By: Jerry Heidelberg | Date: 8-17-23 | Received By: Tamara Oldaker | Phone Result: ☐ Yes ☐ No Add'l Phone #: |
| | Time: 1600 | | Fax Result: ☐ Yes ☐ No Add'l Fax #: |
| Relinquished By: | Date: | Received By: | REMARKS: |
| | Time: | | Email results to: pm@hungry-horse.com tbricker@selectwater.com |

Delivered By: (Circle One) #140
Sampler - UPS - Bus - Other: 0.4°

| Sample Condition | | CHECKED BY: (Initials) |
|---|---|---|
| Cool | Intact | |
| ☑ Yes ☐ No | ☑ Yes ☐ No | T.O. |

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# CARDINAL Laboratories

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | |
|---|---|---|---|---|---|
| Company Name: | Hungry Horse LLC | | | | |
| Project Manager: | Bradley Wells | | | | |
| Address: | PO Box 1058 | | | | |
| City: | Hobbs | State: NM | Zip: 88241 | | |
| Phone #: | 575 393-3386 | Fax #: | | | |
| Project #: | | Project Owner: | Select Water Solutions | | |
| Project Name: | J3 Pit | | | | |
| Project Location: | UL/ O,P Sec 1 T24S - R31E | | | | |
| Sampler Name: | Jerry Heidelberg | | | | |

**BILL TO**

| | |
|---|---|
| P.O. #: | |
| Company | Select Water Solutions |
| Attn: | Timsan Bricker |
| Address: | 1502 E Greene St. |
| City: | Carlsbad |
| State: | NM Zip: 88220 |
| Phone #: | 515-200-7551 |
| Fax #: | |

**ANALYSIS REQUEST**

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | PRESERV.: ACID/BASE: | ICE / COOL | OTHER : | SAMPLING: DATE | TIME | Chloride | TPH | BTEX 8021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H234477 | | | | | | | | | | | | | | | | | |
| 21 | SP1-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 22 | SP1 -12' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 23 | SP2-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 24 | SP2 -4' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 25 | SP3-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 26 | SP3 -8' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 27 | SP4-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 28 | SP4 -10' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 29 | SP5-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 30 | SP5 -4 | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |

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| | | | |
|---|---|---|---|
| Relinquished By: Jerry Heidelberg | Date: 8-17-23 | Received By: Tamara Oldaker | |
| | Time: 1600 | | |
| Relinquished By: | Date: | Received By: | |
| | Time: | | |

Delivered By: (Circle One) #140
Sampler - UPS - Bus - Other: 0.4°c

| Sample Condition | | CHECKED BY: (Initials) |
|---|---|---|
| Cool | Intact | TD |
| ☑ Yes ☐ No | ☑ Yes ☐ No | |

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

Email results to: pm@hungry-horse.com
tbricker@selectwater.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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Released to Imaging: 7/1/2024 1:26:15 PM

CARDINAL Laboratories

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

August 24, 2023

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: J3 PIT

Enclosed are the results of analyses for samples received by the laboratory on 08/18/23 15:33.

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

Cardinal Laboratories is accreditated 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,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 6 - SURF (H234513-01)

**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 | 08/24/2023 | ND | 1.98 | 99.2 | 2.00 | 1.48 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.15 | 107 | 2.00 | 2.32 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.15 | 108 | 2.00 | 3.38 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.45 | 108 | 6.00 | 3.61 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **16800** | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 171 | 85.5 | 200 | 2.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/23/2023 | ND | 179 | 89.3 | 200 | 8.14 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *98.0 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *112 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 6 - 4' (H234513-02)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | 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 | <16.0 | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 171 | 85.5 | 200 | 2.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/23/2023 | ND | 179 | 89.3 | 200 | 8.14 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *97.9 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *113 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 7 - SURF (H234513-03)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | 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** | **16.0** | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 171 | 85.5 | 200 | 2.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/23/2023 | ND | 179 | 89.3 | 200 | 8.14 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *97.9 %* *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: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 7 - 4' (H234513-04)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | 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** | **16.0** | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 171 | 85.5 | 200 | 2.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/23/2023 | ND | 179 | 89.3 | 200 | 8.14 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *92.5 %* *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: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 8 - SURF (H234513-05)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | 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** | **5040** | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 171 | 85.5 | 200 | 2.22 | |
| **DRO >C10-C28*** | **327** | 10.0 | 08/23/2023 | ND | 179 | 89.3 | 200 | 8.14 | |
| **EXT DRO >C28-C36** | **135** | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *94.3 %* *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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## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 8 - 4' (H234513-06)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | 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** | **16.0** | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 171 | 85.5 | 200 | 2.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/23/2023 | ND | 179 | 89.3 | 200 | 8.14 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *92.2 %* *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: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 9 - SURF (H234513-07)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | 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** | **10800** | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 171 | 85.5 | 200 | 2.22 | |
| **DRO >C10-C28*** | **1340** | 10.0 | 08/23/2023 | ND | 179 | 89.3 | 200 | 8.14 | |
| **EXT DRO >C28-C36** | **590** | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *89.6 %* *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: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 9 - 4' (H234513-08)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | 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** | **208** | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 171 | 85.5 | 200 | 2.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/23/2023 | ND | 179 | 89.3 | 200 | 8.14 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *97.4 %* *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: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 10 - SURF (H234513-09)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | 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** | **6080** | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 171 | 85.5 | 200 | 2.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/23/2023 | ND | 179 | 89.3 | 200 | 8.14 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *93.8 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *107 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 10 - 4' (H234513-10)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **32.0** | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 171 | 85.5 | 200 | 2.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/23/2023 | ND | 179 | 89.3 | 200 | 8.14 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *91.8 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *108 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 11 - SURF (H234513-11)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | 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** | **64.0** | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 171 | 85.5 | 200 | 2.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/23/2023 | ND | 179 | 89.3 | 200 | 8.14 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *84.3 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *91.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 11 - 4' (H234513-12)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | 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 | <16.0 | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 171 | 85.5 | 200 | 2.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/23/2023 | ND | 179 | 89.3 | 200 | 8.14 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *92.0 %* *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: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 12 - SURF (H234513-13)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **16.0** | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 171 | 85.5 | 200 | 2.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/23/2023 | ND | 179 | 89.3 | 200 | 8.14 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *83.1 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *76.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 12 - 4' (H234513-14)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **32.0** | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 171 | 85.5 | 200 | 2.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/23/2023 | ND | 179 | 89.3 | 200 | 8.14 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *98.8 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *115 %* *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: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 13 - SURF (H234513-15)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | 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** | **928** | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 171 | 85.5 | 200 | 2.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/23/2023 | ND | 179 | 89.3 | 200 | 8.14 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *98.2 %* *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: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 13 - 4' (H234513-16)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | 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** | **32.0** | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 171 | 85.5 | 200 | 2.22 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/23/2023 | ND | 179 | 89.3 | 200 | 8.14 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *98.6 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *114 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 14 - SURF (H234513-17)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | 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** | **15600** | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 174 | 86.8 | 200 | 2.88 | |
| **DRO >C10-C28*** | **23.3** | 10.0 | 08/23/2023 | ND | 178 | 89.1 | 200 | 8.43 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *77.0 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *88.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

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

| | | | |
|---|---|---|---|
| Received: | 08/18/2023 | Sampling Date: | 08/16/2023 |
| Reported: | 08/24/2023 | Sampling Type: | Soil |
| Project Name: | J3 PIT | Sampling Condition: | Cool & Intact |
| Project Number: | SELECT WATER SOLUTIONS | Sample Received By: | Tamara Oldaker |
| Project Location: | UL / O,P SEC 1 T24S - R31E | | |

### Sample ID: SP 14 - 4' (H234513-18)

**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 | 08/24/2023 | ND | 1.93 | 96.4 | 2.00 | 2.49 | |
| Toluene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.06 | 103 | 2.00 | 9.97 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/24/2023 | ND | 2.04 | 102 | 2.00 | 3.03 | |
| Total Xylenes* | <0.150 | 0.150 | 08/24/2023 | ND | 6.07 | 101 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 08/24/2023 | ND | | | | | |

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

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **32.0** | 16.0 | 08/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

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

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 08/23/2023 | ND | 174 | 86.8 | 200 | 2.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/23/2023 | ND | 178 | 89.1 | 200 | 8.43 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/23/2023 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *89.2 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *99.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## 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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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | |
|---|---|---|---|---|---|
| Company Name: | Hungry Horse LLC | | | | |
| Project Manager: | Bradley Wells | | | | |
| Address: | PO Box 1058 | | | | |
| City: | Hobbs | State: NM | Zip: 88241 | | |
| Phone #: | 575 393-3386 | Fax #: | | | |
| Project #: | | Project Owner: | Select Water Solutions | | |
| Project Name: | J3 Pit | | | | |
| Project Location: | UL/ O,P Sec 1 T24S - R31E | | | | |
| Sampler Name: | Jerry Heidelberg | | | | |

**BILL TO**

| | |
|---|---|
| P.O. #: | |
| Company | Select Water Solutions |
| Attn: | Timsan Bricker |
| Address: | 1502 E Greene St. |
| City: | Carlsbad |
| State: NM | Zip: 88220 |
| Phone #: | 515-200-7551 |
| Fax #: | |

**ANALYSIS REQUEST**

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | PRESERV.: ACID/BASE: | ICE / COOL | OTHER : | SAMPLING: DATE | TIME | Chloride | TPH | BTEX 8021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H234513 | | | | | | | | | | | | | | | | | |
| 1 | SP6-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 2 | SP6-4' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 3 | SP7-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 4 | SP7-4' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 5 | SP8-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 6 | SP8-4' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 7 | SP9-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 8 | SP9-4' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 9 | SP10-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 10 | SP10-4' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |

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| | | | |
|---|---|---|---|
| Relinquished By: Jerry Heidelberg | Date: 8-18-23 | Received By: Tamara Oldaker | Phone Result: ☐ Yes ☐ No Add'l Phone #: |
| | Time: 1533 | | Fax Result: ☐ Yes ☐ No Add'l Fax #: |
| Relinquished By: | Date: | Received By: | REMARKS: |
| | Time: | | Email results to: pm@hungry-horse.com tbricker@selectwater.com |

Delivered By: (Circle One) #140
Sampler - UPS - Bus - Other: -1.8°C

Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No

CHECKED BY: (Initials) JB

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | |
|---|---|---|---|---|---|
| Company Name: | Hungry Horse LLC | | | | |
| Project Manager: | Bradley Wells | | | | |
| Address: | PO Box 1058 | | | | |
| City: | Hobbs | State: NM | Zip: 88241 | | |
| Phone #: | 575 393-3386 | Fax #: | | | |
| Project #: | | Project Owner: | Select Water Solutions | | |
| Project Name: | J3 Pit | | | | |
| Project Location: | UL/ O,P Sec 1 T24S - R31E | | | | |
| Sampler Name: | Jerry Heidelberg | | | | |

**BILL TO**

| | |
|---|---|
| P.O. #: | |
| Company | Select Water Solutions |
| Attn: | Timsan Bricker |
| Address: | 1502 E Greene St. |
| City: | Carlsbad |
| State: NM | Zip: 88220 |
| Phone #: | 515-200-7551 |
| Fax #: | |

**ANALYSIS REQUEST**

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | PRESERV.: ACID/BASE: | ICE / COOL | OTHER : | SAMPLING: DATE | TIME | Chloride | TPH | BTEX 8021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H234513 | | | | | | | | | | | | | | | | | |
| 11 | SP11-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 12 | SP11 - 4' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 13 | SP12-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 14 | SP12 - 4' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 15 | SP13-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 16 | SP13 - 4' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 17 | SP14-Surf | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| 18 | SP14 - 4' | G | 1 | | | X | | | | | X | | 8/16/23 | | X | X | X |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

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| | | | |
|---|---|---|---|
| Relinquished By: Jerry Heidelberg | Date: 8-18-23 | Received By: Tamara Oldaker | |
| Relinquished By: | Time: 1533 | Received By: | |
| | Date: | | |
| | Time: | | |

Delivered By: (Circle One) #140
Sampler - UPS - Bus - Other: -1.8°

| Sample Condition | | CHECKED BY: (Initials) |
|---|---|---|
| Cool | Intact | |
| ☑ Yes ☐ No | ☑ Yes ☐ No | TO |

| | | | |
|---|---|---|---|
| Phone Result: | ☐ Yes | ☐ No | Add'l Phone #: |
| Fax Result: | ☐ Yes | ☐ No | Add'l Fax #: |

**REMARKS:**

Email results to: pm@hungry-horse.com
tbricker@selectwater.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Bradley Wells
Hungry Horse LLC
PO BOX 1058
Hobbs, New Mexico 88241

Generated 10/24/2023 2:53:59 PM

## JOB DESCRIPTION

J3 Pit

## JOB NUMBER

880-34563-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



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my EOL

# Eurofins Midland

## Job Notes

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Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization

Holly Taylor

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10/24/2023 2:53:59 PM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Client: Hungry Horse LLC
Project/Site: J3 Pit

Laboratory Job ID: 880-34563-1

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# Definitions/Glossary

Client: Hungry Horse LLC Job ID: 880-34563-1
Project/Site: J3 Pit

## Qualifiers

### GC VOA

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

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| *+ | LCS and/or LCSD is outside acceptance limits, high biased. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |
| U | Indicates the analyte was analyzed for but not detected. |

### HPLC/IC

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

## Glossary

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

# Case Narrative

Client: Hungry Horse LLC Job ID: 880-34563-1
Project/Site: J3 Pit

## Job ID: 880-34563-1

### Laboratory: Eurofins Midland

**Narrative**

**Job Narrative**
**880-34563-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

**Receipt**
The samples were received on 10/18/2023 10:29 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C

**GC VOA**
Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-64994/1-A) and (LCSD 880-64994/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW59 (880-34563-1), SW60 (880-34563-2), SW61 (880-34563-3), SW62 (880-34563-4), SW63 (880-34563-5), SW64 (880-34563-6), SW65 (880-34563-7), SW66 (880-34563-8), SW67 (880-34563-9), SW68 (880-34563-10), SW69 (880-34563-11), SW70 (880-34563-12), SW71 (880-34563-13), SW72 (880-34563-14), SW73 (880-34563-15), SW74 (880-34563-16), SW75 (880-34563-17), SW76 (880-34563-18), SW77 (880-34563-19), SW78 (880-34563-20), (880-34563-A-1-E MS) and (880-34563-A-1-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-65120 and analytical batch 880-65444 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW80 (880-34563-22). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

**GC Semi VOA**
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-64907 and analytical batch 880-64930 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW79 (880-34563-21), SW80 (880-34563-22) and SW81 (880-34563-23). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-64930/31), (CCV 880-64930/47) and (CCV 880-64930/58). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample duplicate (LCSD) for preparation batch 880-64907 and analytical batch 880-64930 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28). Since only an acceptable LCS is required per the method, the data has been qualified and reported.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-64930 recovered above the upper control

# Case Narrative

Client: Hungry Horse LLC Job ID: 880-34563-1
Project/Site: J3 Pit

## Job ID: 880-34563-1 (Continued)

### Laboratory: Eurofins Midland (Continued)

limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-64930/58).

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW61 (880-34563-3), SW66 (880-34563-8) and SW70 (880-34563-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-64958 and analytical batch 880-64932 was outside the upper control limits.

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

**HPLC/IC**

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-64967 and analytical batch 880-65165 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-64968 and analytical batch 880-65257 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW59

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34563-1**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 20:12 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 20:12 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 20:12 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 20:12 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 20:12 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 20:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *174* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/19/23 20:12* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *10/18/23 14:40* | *10/19/23 20:12* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/19/23 20:12 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/18/23 21:09 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 21:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 21:09 | 1 |
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 21:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* | *10/18/23 11:44* | *10/18/23 21:09* | *1* |
| *o-Terphenyl (Surr)* | *113* | | *70 - 130* | *10/18/23 11:44* | *10/18/23 21:09* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **33.8** | | 4.96 | | mg/Kg | | | 10/20/23 13:17 | 1 |

## Client Sample ID: SW60

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34563-2**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 20:38 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 20:38 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 20:38 | 1 |
| m,p-Xylenes | <0.00403 | U | 0.00403 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 20:38 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 20:38 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 20:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *165* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/19/23 20:38* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *10/18/23 14:40* | *10/19/23 20:38* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW60

**Lab Sample ID: 880-34563-2**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 10/19/23 20:38 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/18/23 22:13 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 22:13 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 22:13 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 22:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* | *10/18/23 11:44* | *10/18/23 22:13* | *1* |
| *o-Terphenyl (Surr)* | *116* | | *70 - 130* | *10/18/23 11:44* | *10/18/23 22:13* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **505** | | 25.3 | | mg/Kg | | | 10/20/23 13:24 | 5 |

## Client Sample ID: SW61

**Lab Sample ID: 880-34563-3**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:04 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:04 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:04 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:04 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:04 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *196* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/19/23 21:04* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *10/18/23 14:40* | *10/19/23 21:04* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/19/23 21:04 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/18/23 22:34 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 22:34 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 22:34 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW61

**Lab Sample ID: 880-34563-3**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 22:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *10/18/23 11:44* | *10/18/23 22:34* | *1* |
| *o-Terphenyl (Surr)* | *137* | *S1+* | *70 - 130* | *10/18/23 11:44* | *10/18/23 22:34* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **69.0** | | 4.98 | | mg/Kg | | | 10/20/23 13:31 | 1 |

## Client Sample ID: SW62

**Lab Sample ID: 880-34563-4**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:29 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:29 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:29 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:29 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:29 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *226* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/19/23 21:29* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *10/18/23 14:40* | *10/19/23 21:29* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/19/23 21:29 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/18/23 22:55 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 22:55 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 22:55 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 22:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *108* | | *70 - 130* | *10/18/23 11:44* | *10/18/23 22:55* | *1* |
| *o-Terphenyl (Surr)* | *119* | | *70 - 130* | *10/18/23 11:44* | *10/18/23 22:55* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **28.8** | | 4.97 | | mg/Kg | | | 10/20/23 13:51 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW63

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34563-5**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:56 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:56 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:56 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:56 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:56 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 21:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *187* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/19/23 21:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *10/18/23 14:40* | *10/19/23 21:56* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/19/23 21:56 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/18/23 23:16 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 23:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 23:16 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 23:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *102* | | *70 - 130* | *10/18/23 11:44* | *10/18/23 23:16* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *10/18/23 11:44* | *10/18/23 23:16* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **26.1** | | 4.97 | | mg/Kg | | | 10/20/23 13:57 | 1 |

## Client Sample ID: SW64

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34563-6**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 22:22 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 22:22 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 22:22 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 22:22 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 22:22 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 22:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *173* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/19/23 22:22* | *1* |
| *1,4-Difluorobenzene (Surr)* | *85* | | *70 - 130* | *10/18/23 14:40* | *10/19/23 22:22* | *1* |

Eurofins Midland

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW64

**Lab Sample ID: 880-34563-6**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/19/23 22:22 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/18/23 23:38 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 23:38 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 23:38 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 23:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *107* | | *70 - 130* | *10/18/23 11:44* | *10/18/23 23:38* | *1* |
| *o-Terphenyl (Surr)* | *117* | | *70 - 130* | *10/18/23 11:44* | *10/18/23 23:38* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **66.1** | | 4.95 | | mg/Kg | | | 10/20/23 14:04 | 1 |

## Client Sample ID: SW65

**Lab Sample ID: 880-34563-7**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 22:48 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 22:48 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 22:48 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 22:48 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 22:48 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 22:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *197* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/19/23 22:48* | *1* |
| *1,4-Difluorobenzene (Surr)* | *80* | | *70 - 130* | *10/18/23 14:40* | *10/19/23 22:48* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/19/23 22:48 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/18/23 23:59 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 23:59 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 23:59 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW65

**Lab Sample ID: 880-34563-7**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 23:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *102* | | *70 - 130* | *10/18/23 11:44* | *10/18/23 23:59* | *1* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* | *10/18/23 11:44* | *10/18/23 23:59* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **92.5** | | 4.99 | | mg/Kg | | | 10/20/23 14:11 | 1 |

## Client Sample ID: SW66

**Lab Sample ID: 880-34563-8**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 23:15 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 23:15 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 23:15 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 23:15 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 23:15 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 23:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *166* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/19/23 23:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *69* | *S1-* | *70 - 130* | *10/18/23 14:40* | *10/19/23 23:15* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/19/23 23:15 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/19/23 00:20 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 00:20 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 00:20 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 00:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *125* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 00:20* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *10/18/23 11:44* | *10/19/23 00:20* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **141** | | 5.00 | | mg/Kg | | | 10/20/23 14:17 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW67

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34563-9**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 23:41 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 23:41 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 23:41 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 23:41 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 23:41 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 23:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *188* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/19/23 23:41* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *10/18/23 14:40* | *10/19/23 23:41* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/19/23 23:41 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/19/23 00:41 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 00:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 00:41 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 00:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *102* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 00:41* | *1* |
| *o-Terphenyl (Surr)* | *113* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 00:41* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **68.9** | **F1** | 5.01 | | mg/Kg | | | 10/20/23 14:24 | 1 |

## Client Sample ID: SW68

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34563-10**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 00:08 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 00:08 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 00:08 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 00:08 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 00:08 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 00:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *172* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/20/23 00:08* | *1* |
| *1,4-Difluorobenzene (Surr)* | *76* | | *70 - 130* | *10/18/23 14:40* | *10/20/23 00:08* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW68

**Lab Sample ID: 880-34563-10**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/20/23 00:08 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/19/23 01:02 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 01:02 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 01:02 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 01:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *105* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 01:02* | *1* |
| *o-Terphenyl (Surr)* | *116* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 01:02* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **170** | | 24.8 | | mg/Kg | | | 10/20/23 14:44 | 5 |

## Client Sample ID: SW69

**Lab Sample ID: 880-34563-11**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 01:54 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 01:54 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 01:54 | 1 |
| m,p-Xylenes | <0.00403 | U | 0.00403 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 01:54 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 01:54 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 01:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *173* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/20/23 01:54* | *1* |
| *1,4-Difluorobenzene (Surr)* | *71* | | *70 - 130* | *10/18/23 14:40* | *10/20/23 01:54* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 10/20/23 01:54 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/19/23 01:46 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 01:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 01:46 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW69

**Lab Sample ID: 880-34563-11**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 01:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 01:46* | *1* |
| *o-Terphenyl (Surr)* | *123* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 01:46* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **88.3** | | 4.98 | | mg/Kg | | | 10/20/23 14:51 | 1 |

## Client Sample ID: SW70

**Lab Sample ID: 880-34563-12**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 02:21 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 02:21 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 02:21 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 02:21 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 02:21 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 02:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *167* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/20/23 02:21* | *1* |
| *1,4-Difluorobenzene (Surr)* | *81* | | *70 - 130* | *10/18/23 14:40* | *10/20/23 02:21* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/20/23 02:21 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/19/23 02:07 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 02:07 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 02:07 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 02:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 02:07* | *1* |
| *o-Terphenyl (Surr)* | *134* | *S1+* | *70 - 130* | *10/18/23 11:44* | *10/19/23 02:07* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **116** | | 5.01 | | mg/Kg | | | 10/20/23 15:11 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW71

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34563-13**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 02:47 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 02:47 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 02:47 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 02:47 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 02:47 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 02:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *153* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/20/23 02:47* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *10/18/23 14:40* | *10/20/23 02:47* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/20/23 02:47 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/19/23 02:28 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 02:28 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 02:28 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 02:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 02:28* | *1* |
| *o-Terphenyl (Surr)* | *112* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 02:28* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **31.2** | | 4.98 | | mg/Kg | | | 10/20/23 15:17 | 1 |

## Client Sample ID: SW72

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34563-14**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 03:14 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 03:14 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 03:14 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 03:14 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 03:14 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 03:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *171* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/20/23 03:14* | *1* |
| *1,4-Difluorobenzene (Surr)* | *85* | | *70 - 130* | *10/18/23 14:40* | *10/20/23 03:14* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW72

**Lab Sample ID: 880-34563-14**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/20/23 03:14 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/19/23 02:49 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 02:49 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 02:49 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 02:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *118* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 02:49* | *1* |
| *o-Terphenyl (Surr)* | *124* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 02:49* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **40.7** | | 4.97 | | mg/Kg | | | 10/20/23 15:24 | 1 |

## Client Sample ID: SW73

**Lab Sample ID: 880-34563-15**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 03:41 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 03:41 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 03:41 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 03:41 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 03:41 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 03:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *166* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/20/23 03:41* | *1* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* | *10/18/23 14:40* | *10/20/23 03:41* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/20/23 03:41 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/19/23 03:10 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 03:10 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 03:10 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW73

**Lab Sample ID: 880-34563-15**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 03:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 03:10* | *1* |
| *o-Terphenyl (Surr)* | *114* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 03:10* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **98.1** | | 5.02 | | mg/Kg | | | 10/20/23 15:31 | 1 |

## Client Sample ID: SW74

**Lab Sample ID: 880-34563-16**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 04:07 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 04:07 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 04:07 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 04:07 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 04:07 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 04:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *196* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/20/23 04:07* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *10/18/23 14:40* | *10/20/23 04:07* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 10/20/23 04:07 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/19/23 03:31 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 03:31 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 03:31 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 03:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 03:31* | *1* |
| *o-Terphenyl (Surr)* | *123* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 03:31* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **97.2** | | 4.99 | | mg/Kg | | | 10/20/23 15:37 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW75

**Lab Sample ID: 880-34563-17**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 04:34 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 04:34 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 04:34 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 04:34 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 04:34 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 04:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *157* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/20/23 04:34* | *1* |
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* | *10/18/23 14:40* | *10/20/23 04:34* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/20/23 04:34 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/19/23 03:52 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 03:52 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 03:52 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 03:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *107* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 03:52* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 03:52* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **87.3** | | 5.04 | | mg/Kg | | | 10/20/23 15:44 | 1 |

## Client Sample ID: SW76

**Lab Sample ID: 880-34563-18**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:00 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:00 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:00 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:00 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:00 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *180* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/20/23 05:00* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *10/18/23 14:40* | *10/20/23 05:00* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW76

**Lab Sample ID: 880-34563-18**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/20/23 05:00 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/19/23 04:13 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 04:13 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 04:13 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 04:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *103* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 04:13* | *1* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 04:13* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **30.1** | | 4.96 | | mg/Kg | | | 10/20/23 15:51 | 1 |

## Client Sample ID: SW77

**Lab Sample ID: 880-34563-19**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:27 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:27 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:27 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:27 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:27 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *165* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/20/23 05:27* | *1* |
| *1,4-Difluorobenzene (Surr)* | *83* | | *70 - 130* | *10/18/23 14:40* | *10/20/23 05:27* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | | 10/20/23 05:27 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/19/23 04:34 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 04:34 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 04:34 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW77

**Lab Sample ID: 880-34563-19**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 04:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 04:34* | *1* |
| *o-Terphenyl (Surr)* | *112* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 04:34* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **167** | **F1** | 4.96 | | mg/Kg | | | 10/21/23 00:13 | 1 |

## Client Sample ID: SW78

**Lab Sample ID: 880-34563-20**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:54 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:54 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:54 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:54 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:54 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 14:40 | 10/20/23 05:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *176* | *S1+* | *70 - 130* | *10/18/23 14:40* | *10/20/23 05:54* | *1* |
| *1,4-Difluorobenzene (Surr)* | *74* | | *70 - 130* | *10/18/23 14:40* | *10/20/23 05:54* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/20/23 05:54 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/19/23 04:55 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 04:55 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 04:55 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:44 | 10/19/23 04:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *102* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 04:55* | *1* |
| *o-Terphenyl (Surr)* | *110* | | *70 - 130* | *10/18/23 11:44* | *10/19/23 04:55* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **209** | | 5.05 | | mg/Kg | | | 10/21/23 00:33 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW79

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34563-21**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:26 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:26 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:26 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:26 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:26 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 14:26* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 14:26* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/24/23 14:26 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/19/23 04:13 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 11:42 | 10/19/23 04:13 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U *+ | 50.2 | | mg/Kg | | 10/18/23 11:42 | 10/19/23 04:13 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 11:42 | 10/19/23 04:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *158* | *S1+* | *70 - 130* | *10/18/23 11:42* | *10/19/23 04:13* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *10/18/23 11:42* | *10/19/23 04:13* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **229** | | 5.00 | | mg/Kg | | | 10/21/23 00:39 | 1 |

## Client Sample ID: SW80

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34563-22**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:46 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:46 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:46 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:46 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:46 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *313* | *S1+* | *70 - 130* | *10/19/23 17:44* | *10/24/23 14:46* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 14:46* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW80

**Lab Sample ID: 880-34563-22**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/24/23 14:46 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/19/23 04:34 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:42 | 10/19/23 04:34 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U *+ | 50.5 | | mg/Kg | | 10/18/23 11:42 | 10/19/23 04:34 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:42 | 10/19/23 04:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *137* | *S1+* | *70 - 130* | *10/18/23 11:42* | *10/19/23 04:34* | *1* |
| *o-Terphenyl (Surr)* | *117* | | *70 - 130* | *10/18/23 11:42* | *10/19/23 04:34* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **134** | | 5.01 | | mg/Kg | | | 10/21/23 00:46 | 1 |

## Client Sample ID: SW81

**Lab Sample ID: 880-34563-23**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 15:07 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 15:07 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 15:07 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 15:07 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 15:07 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 15:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 15:07* | *1* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 15:07* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 15:07 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/19/23 04:55 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:42 | 10/19/23 04:55 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U *+ | 49.9 | | mg/Kg | | 10/18/23 11:42 | 10/19/23 04:55 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

**Client Sample ID: SW81**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34563-23**
**Matrix: Solid**

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:42 | 10/19/23 04:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *173* | *S1+* | *70 - 130* | *10/18/23 11:42* | *10/19/23 04:55* | *1* |
| *o-Terphenyl (Surr)* | *147* | *S1+* | *70 - 130* | *10/18/23 11:42* | *10/19/23 04:55* | *1* |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **112** | | 5.05 | | mg/Kg | | | 10/21/23 00:53 | 1 |

# Surrogate Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| Lab Sample ID | Client Sample ID | BFB1 (70-130) | DFBZ1 (70-130) |
| 880-34563-1 | SW59 | 174 S1+ | 97 |
| 880-34563-1 MS | SW59 | 166 S1+ | 86 |
| 880-34563-1 MSD | SW59 | 163 S1+ | 81 |
| 880-34563-2 | SW60 | 165 S1+ | 92 |
| 880-34563-3 | SW61 | 196 S1+ | 96 |
| 880-34563-4 | SW62 | 226 S1+ | 103 |
| 880-34563-5 | SW63 | 187 S1+ | 92 |
| 880-34563-6 | SW64 | 173 S1+ | 85 |
| 880-34563-7 | SW65 | 197 S1+ | 80 |
| 880-34563-8 | SW66 | 166 S1+ | 69 S1- |
| 880-34563-9 | SW67 | 188 S1+ | 102 |
| 880-34563-10 | SW68 | 172 S1+ | 76 |
| 880-34563-11 | SW69 | 173 S1+ | 71 |
| 880-34563-12 | SW70 | 167 S1+ | 81 |
| 880-34563-13 | SW71 | 153 S1+ | 101 |
| 880-34563-14 | SW72 | 171 S1+ | 85 |
| 880-34563-15 | SW73 | 166 S1+ | 109 |
| 880-34563-16 | SW74 | 196 S1+ | 98 |
| 880-34563-17 | SW75 | 157 S1+ | 86 |
| 880-34563-18 | SW76 | 180 S1+ | 96 |
| 880-34563-19 | SW77 | 165 S1+ | 83 |
| 880-34563-20 | SW78 | 176 S1+ | 74 |
| 880-34563-21 | SW79 | 100 | 110 |
| 880-34563-22 | SW80 | 313 S1+ | 106 |
| 880-34563-23 | SW81 | 87 | 109 |
| LCS 880-64994/1-A | Lab Control Sample | 156 S1+ | 95 |
| LCS 880-65120/1-A | Lab Control Sample | 98 | 115 |
| LCSD 880-64994/2-A | Lab Control Sample Dup | 137 S1+ | 79 |
| LCSD 880-65120/2-A | Lab Control Sample Dup | 111 | 101 |
| MB 880-64993/5-A | Method Blank | 93 | 90 |
| MB 880-64994/5-A | Method Blank | 75 | 85 |
| MB 880-65120/5-A | Method Blank | 115 | 144 S1+ |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) |
| 880-34563-1 | SW59 | 106 | 113 |
| 880-34563-1 MS | SW59 | 115 | 111 |
| 880-34563-1 MSD | SW59 | 115 | 111 |
| 880-34563-2 | SW60 | 106 | 116 |
| 880-34563-3 | SW61 | 126 | 137 S1+ |
| 880-34563-4 | SW62 | 108 | 119 |
| 880-34563-5 | SW63 | 102 | 107 |

# Surrogate Summary

Client: Hungry Horse LLC Job ID: 880-34563-1
Project/Site: J3 Pit

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) | | | | | | | | |
| 880-34563-6 | SW64 | 107 | 117 | | | | | | | | |
| 880-34563-7 | SW65 | 102 | 108 | | | | | | | | |
| 880-34563-8 | SW66 | 125 | 133 S1+ | | | | | | | | |
| 880-34563-9 | SW67 | 102 | 113 | | | | | | | | |
| 880-34563-10 | SW68 | 105 | 116 | | | | | | | | |
| 880-34563-11 | SW69 | 115 | 123 | | | | | | | | |
| 880-34563-12 | SW70 | 121 | 134 S1+ | | | | | | | | |
| 880-34563-13 | SW71 | 104 | 112 | | | | | | | | |
| 880-34563-14 | SW72 | 118 | 124 | | | | | | | | |
| 880-34563-15 | SW73 | 106 | 114 | | | | | | | | |
| 880-34563-16 | SW74 | 116 | 123 | | | | | | | | |
| 880-34563-17 | SW75 | 107 | 120 | | | | | | | | |
| 880-34563-18 | SW76 | 103 | 111 | | | | | | | | |
| 880-34563-19 | SW77 | 104 | 112 | | | | | | | | |
| 880-34563-20 | SW78 | 102 | 110 | | | | | | | | |
| 880-34563-21 | SW79 | 158 S1+ | 133 S1+ | | | | | | | | |
| 880-34563-22 | SW80 | 137 S1+ | 117 | | | | | | | | |
| 880-34563-23 | SW81 | 173 S1+ | 147 S1+ | | | | | | | | |
| LCS 880-64907/2-A | Lab Control Sample | 115 | 109 | | | | | | | | |
| LCS 880-64958/2-A | Lab Control Sample | 75 | 79 | | | | | | | | |
| LCSD 880-64907/3-A | Lab Control Sample Dup | 115 | 106 | | | | | | | | |
| LCSD 880-64958/3-A | Lab Control Sample Dup | 83 | 90 | | | | | | | | |
| MB 880-64907/1-A | Method Blank | 194 S1+ | 164 S1+ | | | | | | | | |
| MB 880-64958/1-A | Method Blank | 138 S1+ | 153 S1+ | | | | | | | | |

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

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

**Lab Sample ID: MB 880-64993/5-A**
**Matrix: Solid**
**Analysis Batch: 64936**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64993**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 06:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 06:15* | *1* |

**Lab Sample ID: MB 880-64994/5-A**
**Matrix: Solid**
**Analysis Batch: 64936**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64994**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 19:46 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 19:46 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 19:46 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 19:46 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 19:46 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 14:40 | 10/19/23 19:46 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *75* | | *70 - 130* | *10/18/23 14:40* | *10/19/23 19:46* | *1* |
| *1,4-Difluorobenzene (Surr)* | *85* | | *70 - 130* | *10/18/23 14:40* | *10/19/23 19:46* | *1* |

**Lab Sample ID: LCS 880-64994/1-A**
**Matrix: Solid**
**Analysis Batch: 64936**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64994**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1114 | | mg/Kg | | 111 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1279 | | mg/Kg | | 128 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1161 | | mg/Kg | | 116 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2268 | | mg/Kg | | 113 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1178 | | mg/Kg | | 118 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *156* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* |

**Lab Sample ID: LCSD 880-64994/2-A**
**Matrix: Solid**
**Analysis Batch: 64936**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64994**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1082 | | mg/Kg | | 108 | 70 - 130 | 3 | 35 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

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

**Lab Sample ID: LCSD 880-64994/2-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 64936** — **Prep Batch: 64994**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | | | 0.100 | 0.1205 | | mg/Kg | | 121 | 70 - 130 | 6 | 35 |
| Ethylbenzene | | | 0.100 | 0.1068 | | mg/Kg | | 107 | 70 - 130 | 8 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2122 | | mg/Kg | | 106 | 70 - 130 | 7 | 35 |
| o-Xylene | | | 0.100 | 0.1047 | | mg/Kg | | 105 | 70 - 130 | 12 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *137* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *79* | | *70 - 130* |

**Lab Sample ID: 880-34563-1 MS** — **Client Sample ID: SW59**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 64936** — **Prep Batch: 64994**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.0996 | 0.1120 | | mg/Kg | | 112 | 70 - 130 |
| Toluene | <0.00198 | U | 0.0996 | 0.1156 | | mg/Kg | | 116 | 70 - 130 |
| Ethylbenzene | <0.00198 | U | 0.0996 | 0.1155 | | mg/Kg | | 116 | 70 - 130 |
| m,p-Xylenes | <0.00396 | U | 0.199 | 0.2203 | | mg/Kg | | 111 | 70 - 130 |
| o-Xylene | <0.00198 | U | 0.0996 | 0.1062 | | mg/Kg | | 107 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *166* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* |

**Lab Sample ID: 880-34563-1 MSD** — **Client Sample ID: SW59**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 64936** — **Prep Batch: 64994**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.100 | 0.1108 | | mg/Kg | | 111 | 70 - 130 | 1 | 35 |
| Toluene | <0.00198 | U | 0.100 | 0.1182 | | mg/Kg | | 118 | 70 - 130 | 2 | 35 |
| Ethylbenzene | <0.00198 | U | 0.100 | 0.1120 | | mg/Kg | | 112 | 70 - 130 | 3 | 35 |
| m,p-Xylenes | <0.00396 | U | 0.200 | 0.2145 | | mg/Kg | | 107 | 70 - 130 | 3 | 35 |
| o-Xylene | <0.00198 | U | 0.100 | 0.1218 | | mg/Kg | | 122 | 70 - 130 | 14 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *163* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *81* | | *70 - 130* |

**Lab Sample ID: MB 880-65120/5-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65444** — **Prep Batch: 65120**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

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

**Lab Sample ID: MB 880-65120/5-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *115* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 11:34* | *1* |
| *1,4-Difluorobenzene (Surr)* | *144* | *S1+* | *70 - 130* | *10/19/23 17:44* | *10/24/23 11:34* | *1* |

**Lab Sample ID: LCS 880-65120/1-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1142 | | mg/Kg | | 114 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.09553 | | mg/Kg | | 96 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.09538 | | mg/Kg | | 95 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2179 | | mg/Kg | | 109 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1048 | | mg/Kg | | 105 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *115* | | *70 - 130* |

**Lab Sample ID: LCSD 880-65120/2-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1077 | | mg/Kg | | 108 | 70 - 130 | 6 | 35 |
| Toluene | | | 0.100 | 0.09106 | | mg/Kg | | 91 | 70 - 130 | 5 | 35 |
| Ethylbenzene | | | 0.100 | 0.1016 | | mg/Kg | | 102 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2286 | | mg/Kg | | 114 | 70 - 130 | 5 | 35 |
| o-Xylene | | | 0.100 | 0.1088 | | mg/Kg | | 109 | 70 - 130 | 4 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *111* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* |

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

**Lab Sample ID: MB 880-64907/1-A**
**Matrix: Solid**
**Analysis Batch: 64930**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64907**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/17/23 16:16 | 10/18/23 20:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/17/23 16:16 | 10/18/23 20:05 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/17/23 16:16 | 10/18/23 20:05 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

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

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 194 | S1+ | 70 - 130 | 10/17/23 16:16 | 10/18/23 20:05 | 1 |
| o-Terphenyl (Surr) | 164 | S1+ | 70 - 130 | 10/17/23 16:16 | 10/18/23 20:05 | 1 |

**Lab Sample ID: LCS 880-64907/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 64930** — **Prep Batch: 64907**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 791.7 | | mg/Kg | | 79 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1239 | | mg/Kg | | 124 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 115 | | 70 - 130 |
| o-Terphenyl (Surr) | 109 | | 70 - 130 |

**Lab Sample ID: LCSD 880-64907/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 64930** — **Prep Batch: 64907**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 894.2 | | mg/Kg | | 89 | 70 - 130 | 12 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1391 | *+ | mg/Kg | | 139 | 70 - 130 | 12 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 115 | | 70 - 130 |
| o-Terphenyl (Surr) | 106 | | 70 - 130 |

**Lab Sample ID: MB 880-64958/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 64932** — **Prep Batch: 64958**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 20:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 20:05 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:44 | 10/18/23 20:05 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 138 | S1+ | 70 - 130 | 10/18/23 11:44 | 10/18/23 20:05 | 1 |
| o-Terphenyl (Surr) | 153 | S1+ | 70 - 130 | 10/18/23 11:44 | 10/18/23 20:05 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

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

**Lab Sample ID: LCS 880-64958/2-A**
**Matrix: Solid**
**Analysis Batch: 64932**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64958**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 877.9 | | mg/Kg | | 88 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 833.9 | | mg/Kg | | 83 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *75* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *79* | | *70 - 130* |

**Lab Sample ID: LCSD 880-64958/3-A**
**Matrix: Solid**
**Analysis Batch: 64932**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64958**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 884.7 | | mg/Kg | | 88 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 880.5 | | mg/Kg | | 88 | 70 - 130 | 5 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *83* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *90* | | *70 - 130* |

**Lab Sample ID: 880-34563-1 MS**
**Matrix: Solid**
**Analysis Batch: 64932**

**Client Sample ID: SW59**
**Prep Type: Total/NA**
**Prep Batch: 64958**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 994 | 1173 | | mg/Kg | | 116 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 994 | 916.4 | | mg/Kg | | 87 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* |

**Lab Sample ID: 880-34563-1 MSD**
**Matrix: Solid**
**Analysis Batch: 64932**

**Client Sample ID: SW59**
**Prep Type: Total/NA**
**Prep Batch: 64958**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 994 | 1195 | | mg/Kg | | 118 | 70 - 130 | 2 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 994 | 926.3 | | mg/Kg | | 88 | 70 - 130 | 1 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

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

**Lab Sample ID: 880-34563-1 MSD**
**Matrix: Solid**
**Analysis Batch: 64932**

**Client Sample ID: SW59**
**Prep Type: Total/NA**
**Prep Batch: 64958**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| o-Terphenyl (Surr) | 111 | | 70 - 130 |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-64967/1-A**
**Matrix: Solid**
**Analysis Batch: 65165**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/20/23 12:31 | 1 |

**Lab Sample ID: LCS 880-64967/2-A**
**Matrix: Solid**
**Analysis Batch: 65165**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 228.6 | | mg/Kg | | 91 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-64967/3-A**
**Matrix: Solid**
**Analysis Batch: 65165**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 228.9 | | mg/Kg | | 92 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34563-9 MS**
**Matrix: Solid**
**Analysis Batch: 65165**

**Client Sample ID: SW67**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 68.9 | F1 | 251 | 289.1 | F1 | mg/Kg | | 88 | 90 - 110 | | |

**Lab Sample ID: 880-34563-9 MSD**
**Matrix: Solid**
**Analysis Batch: 65165**

**Client Sample ID: SW67**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 68.9 | F1 | 251 | 290.3 | F1 | mg/Kg | | 88 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-64968/1-A**
**Matrix: Solid**
**Analysis Batch: 65257**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/20/23 23:53 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: LCS 880-64968/2-A**
**Matrix: Solid**
**Analysis Batch: 65257**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 233.5 | | mg/Kg | | 93 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-64968/3-A**
**Matrix: Solid**
**Analysis Batch: 65257**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 234.5 | | mg/Kg | | 94 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34563-19 MS**
**Matrix: Solid**
**Analysis Batch: 65257**

**Client Sample ID: SW77**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 167 | F1 | 248 | 376.1 | F1 | mg/Kg | | 84 | 90 - 110 | | |

**Lab Sample ID: 880-34563-19 MSD**
**Matrix: Solid**
**Analysis Batch: 65257**

**Client Sample ID: SW77**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 167 | F1 | 248 | 377.3 | F1 | mg/Kg | | 85 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## GC VOA

### Analysis Batch: 64936

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-1 | SW59 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-2 | SW60 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-3 | SW61 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-4 | SW62 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-5 | SW63 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-6 | SW64 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-7 | SW65 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-8 | SW66 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-9 | SW67 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-10 | SW68 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-11 | SW69 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-12 | SW70 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-13 | SW71 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-14 | SW72 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-15 | SW73 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-16 | SW74 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-17 | SW75 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-18 | SW76 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-19 | SW77 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-20 | SW78 | Total/NA | Solid | 8021B | 64994 |
| MB 880-64993/5-A | Method Blank | Total/NA | Solid | 8021B | 64993 |
| MB 880-64994/5-A | Method Blank | Total/NA | Solid | 8021B | 64994 |
| LCS 880-64994/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 64994 |
| LCSD 880-64994/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 64994 |
| 880-34563-1 MS | SW59 | Total/NA | Solid | 8021B | 64994 |
| 880-34563-1 MSD | SW59 | Total/NA | Solid | 8021B | 64994 |

### Prep Batch: 64993

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-64993/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Prep Batch: 64994

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-1 | SW59 | Total/NA | Solid | 5035 | |
| 880-34563-2 | SW60 | Total/NA | Solid | 5035 | |
| 880-34563-3 | SW61 | Total/NA | Solid | 5035 | |
| 880-34563-4 | SW62 | Total/NA | Solid | 5035 | |
| 880-34563-5 | SW63 | Total/NA | Solid | 5035 | |
| 880-34563-6 | SW64 | Total/NA | Solid | 5035 | |
| 880-34563-7 | SW65 | Total/NA | Solid | 5035 | |
| 880-34563-8 | SW66 | Total/NA | Solid | 5035 | |
| 880-34563-9 | SW67 | Total/NA | Solid | 5035 | |
| 880-34563-10 | SW68 | Total/NA | Solid | 5035 | |
| 880-34563-11 | SW69 | Total/NA | Solid | 5035 | |
| 880-34563-12 | SW70 | Total/NA | Solid | 5035 | |
| 880-34563-13 | SW71 | Total/NA | Solid | 5035 | |
| 880-34563-14 | SW72 | Total/NA | Solid | 5035 | |
| 880-34563-15 | SW73 | Total/NA | Solid | 5035 | |
| 880-34563-16 | SW74 | Total/NA | Solid | 5035 | |
| 880-34563-17 | SW75 | Total/NA | Solid | 5035 | |
| 880-34563-18 | SW76 | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## GC VOA (Continued)

### Prep Batch: 64994 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-19 | SW77 | Total/NA | Solid | 5035 | |
| 880-34563-20 | SW78 | Total/NA | Solid | 5035 | |
| MB 880-64994/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-64994/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-64994/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-34563-1 MS | SW59 | Total/NA | Solid | 5035 | |
| 880-34563-1 MSD | SW59 | Total/NA | Solid | 5035 | |

### Prep Batch: 65120

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-21 | SW79 | Total/NA | Solid | 5035 | |
| 880-34563-22 | SW80 | Total/NA | Solid | 5035 | |
| 880-34563-23 | SW81 | Total/NA | Solid | 5035 | |
| MB 880-65120/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65120/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-65120/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

### Analysis Batch: 65172

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-1 | SW59 | Total/NA | Solid | Total BTEX | |
| 880-34563-2 | SW60 | Total/NA | Solid | Total BTEX | |
| 880-34563-3 | SW61 | Total/NA | Solid | Total BTEX | |
| 880-34563-4 | SW62 | Total/NA | Solid | Total BTEX | |
| 880-34563-5 | SW63 | Total/NA | Solid | Total BTEX | |
| 880-34563-6 | SW64 | Total/NA | Solid | Total BTEX | |
| 880-34563-7 | SW65 | Total/NA | Solid | Total BTEX | |
| 880-34563-8 | SW66 | Total/NA | Solid | Total BTEX | |
| 880-34563-9 | SW67 | Total/NA | Solid | Total BTEX | |
| 880-34563-10 | SW68 | Total/NA | Solid | Total BTEX | |
| 880-34563-11 | SW69 | Total/NA | Solid | Total BTEX | |
| 880-34563-12 | SW70 | Total/NA | Solid | Total BTEX | |
| 880-34563-13 | SW71 | Total/NA | Solid | Total BTEX | |
| 880-34563-14 | SW72 | Total/NA | Solid | Total BTEX | |
| 880-34563-15 | SW73 | Total/NA | Solid | Total BTEX | |
| 880-34563-16 | SW74 | Total/NA | Solid | Total BTEX | |
| 880-34563-17 | SW75 | Total/NA | Solid | Total BTEX | |
| 880-34563-18 | SW76 | Total/NA | Solid | Total BTEX | |
| 880-34563-19 | SW77 | Total/NA | Solid | Total BTEX | |
| 880-34563-20 | SW78 | Total/NA | Solid | Total BTEX | |
| 880-34563-21 | SW79 | Total/NA | Solid | Total BTEX | |
| 880-34563-22 | SW80 | Total/NA | Solid | Total BTEX | |
| 880-34563-23 | SW81 | Total/NA | Solid | Total BTEX | |

### Analysis Batch: 65444

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-21 | SW79 | Total/NA | Solid | 8021B | 65120 |
| 880-34563-22 | SW80 | Total/NA | Solid | 8021B | 65120 |
| 880-34563-23 | SW81 | Total/NA | Solid | 8021B | 65120 |
| MB 880-65120/5-A | Method Blank | Total/NA | Solid | 8021B | 65120 |
| LCS 880-65120/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65120 |
| LCSD 880-65120/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65120 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## GC Semi VOA

### Prep Batch: 64907

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-21 | SW79 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-22 | SW80 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-23 | SW81 | Total/NA | Solid | 8015NM Prep | |
| MB 880-64907/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-64907/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-64907/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 64930

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-21 | SW79 | Total/NA | Solid | 8015B NM | 64907 |
| 880-34563-22 | SW80 | Total/NA | Solid | 8015B NM | 64907 |
| 880-34563-23 | SW81 | Total/NA | Solid | 8015B NM | 64907 |
| MB 880-64907/1-A | Method Blank | Total/NA | Solid | 8015B NM | 64907 |
| LCS 880-64907/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 64907 |
| LCSD 880-64907/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 64907 |

### Analysis Batch: 64932

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-1 | SW59 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-2 | SW60 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-3 | SW61 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-4 | SW62 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-5 | SW63 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-6 | SW64 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-7 | SW65 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-8 | SW66 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-9 | SW67 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-10 | SW68 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-11 | SW69 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-12 | SW70 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-13 | SW71 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-14 | SW72 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-15 | SW73 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-16 | SW74 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-17 | SW75 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-18 | SW76 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-19 | SW77 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-20 | SW78 | Total/NA | Solid | 8015B NM | 64958 |
| MB 880-64958/1-A | Method Blank | Total/NA | Solid | 8015B NM | 64958 |
| LCS 880-64958/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 64958 |
| LCSD 880-64958/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-1 MS | SW59 | Total/NA | Solid | 8015B NM | 64958 |
| 880-34563-1 MSD | SW59 | Total/NA | Solid | 8015B NM | 64958 |

### Prep Batch: 64958

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-1 | SW59 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-2 | SW60 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-3 | SW61 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-4 | SW62 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-5 | SW63 | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## GC Semi VOA (Continued)

### Prep Batch: 64958 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-6 | SW64 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-7 | SW65 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-8 | SW66 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-9 | SW67 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-10 | SW68 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-11 | SW69 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-12 | SW70 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-13 | SW71 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-14 | SW72 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-15 | SW73 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-16 | SW74 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-17 | SW75 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-18 | SW76 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-19 | SW77 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-20 | SW78 | Total/NA | Solid | 8015NM Prep | |
| MB 880-64958/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-64958/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-64958/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-34563-1 MS | SW59 | Total/NA | Solid | 8015NM Prep | |
| 880-34563-1 MSD | SW59 | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 65075

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-1 | SW59 | Total/NA | Solid | 8015 NM | |
| 880-34563-2 | SW60 | Total/NA | Solid | 8015 NM | |
| 880-34563-3 | SW61 | Total/NA | Solid | 8015 NM | |
| 880-34563-4 | SW62 | Total/NA | Solid | 8015 NM | |
| 880-34563-5 | SW63 | Total/NA | Solid | 8015 NM | |
| 880-34563-6 | SW64 | Total/NA | Solid | 8015 NM | |
| 880-34563-7 | SW65 | Total/NA | Solid | 8015 NM | |
| 880-34563-8 | SW66 | Total/NA | Solid | 8015 NM | |
| 880-34563-9 | SW67 | Total/NA | Solid | 8015 NM | |
| 880-34563-10 | SW68 | Total/NA | Solid | 8015 NM | |
| 880-34563-11 | SW69 | Total/NA | Solid | 8015 NM | |
| 880-34563-12 | SW70 | Total/NA | Solid | 8015 NM | |
| 880-34563-13 | SW71 | Total/NA | Solid | 8015 NM | |
| 880-34563-14 | SW72 | Total/NA | Solid | 8015 NM | |
| 880-34563-15 | SW73 | Total/NA | Solid | 8015 NM | |
| 880-34563-16 | SW74 | Total/NA | Solid | 8015 NM | |
| 880-34563-17 | SW75 | Total/NA | Solid | 8015 NM | |
| 880-34563-18 | SW76 | Total/NA | Solid | 8015 NM | |
| 880-34563-19 | SW77 | Total/NA | Solid | 8015 NM | |
| 880-34563-20 | SW78 | Total/NA | Solid | 8015 NM | |
| 880-34563-21 | SW79 | Total/NA | Solid | 8015 NM | |
| 880-34563-22 | SW80 | Total/NA | Solid | 8015 NM | |
| 880-34563-23 | SW81 | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## HPLC/IC

### Leach Batch: 64967

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-1 | SW59 | Soluble | Solid | DI Leach | |
| 880-34563-2 | SW60 | Soluble | Solid | DI Leach | |
| 880-34563-3 | SW61 | Soluble | Solid | DI Leach | |
| 880-34563-4 | SW62 | Soluble | Solid | DI Leach | |
| 880-34563-5 | SW63 | Soluble | Solid | DI Leach | |
| 880-34563-6 | SW64 | Soluble | Solid | DI Leach | |
| 880-34563-7 | SW65 | Soluble | Solid | DI Leach | |
| 880-34563-8 | SW66 | Soluble | Solid | DI Leach | |
| 880-34563-9 | SW67 | Soluble | Solid | DI Leach | |
| 880-34563-10 | SW68 | Soluble | Solid | DI Leach | |
| 880-34563-11 | SW69 | Soluble | Solid | DI Leach | |
| 880-34563-12 | SW70 | Soluble | Solid | DI Leach | |
| 880-34563-13 | SW71 | Soluble | Solid | DI Leach | |
| 880-34563-14 | SW72 | Soluble | Solid | DI Leach | |
| 880-34563-15 | SW73 | Soluble | Solid | DI Leach | |
| 880-34563-16 | SW74 | Soluble | Solid | DI Leach | |
| 880-34563-17 | SW75 | Soluble | Solid | DI Leach | |
| 880-34563-18 | SW76 | Soluble | Solid | DI Leach | |
| MB 880-64967/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64967/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64967/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34563-9 MS | SW67 | Soluble | Solid | DI Leach | |
| 880-34563-9 MSD | SW67 | Soluble | Solid | DI Leach | |

### Leach Batch: 64968

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-19 | SW77 | Soluble | Solid | DI Leach | |
| 880-34563-20 | SW78 | Soluble | Solid | DI Leach | |
| 880-34563-21 | SW79 | Soluble | Solid | DI Leach | |
| 880-34563-22 | SW80 | Soluble | Solid | DI Leach | |
| 880-34563-23 | SW81 | Soluble | Solid | DI Leach | |
| MB 880-64968/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64968/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64968/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34563-19 MS | SW77 | Soluble | Solid | DI Leach | |
| 880-34563-19 MSD | SW77 | Soluble | Solid | DI Leach | |

### Analysis Batch: 65165

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-1 | SW59 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-2 | SW60 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-3 | SW61 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-4 | SW62 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-5 | SW63 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-6 | SW64 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-7 | SW65 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-8 | SW66 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-9 | SW67 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-10 | SW68 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-11 | SW69 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-12 | SW70 | Soluble | Solid | 300.0 | 64967 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## HPLC/IC (Continued)

### Analysis Batch: 65165 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-13 | SW71 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-14 | SW72 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-15 | SW73 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-16 | SW74 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-17 | SW75 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-18 | SW76 | Soluble | Solid | 300.0 | 64967 |
| MB 880-64967/1-A | Method Blank | Soluble | Solid | 300.0 | 64967 |
| LCS 880-64967/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64967 |
| LCSD 880-64967/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64967 |
| 880-34563-9 MS | SW67 | Soluble | Solid | 300.0 | 64967 |
| 880-34563-9 MSD | SW67 | Soluble | Solid | 300.0 | 64967 |

### Analysis Batch: 65257

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34563-19 | SW77 | Soluble | Solid | 300.0 | 64968 |
| 880-34563-20 | SW78 | Soluble | Solid | 300.0 | 64968 |
| 880-34563-21 | SW79 | Soluble | Solid | 300.0 | 64968 |
| 880-34563-22 | SW80 | Soluble | Solid | 300.0 | 64968 |
| 880-34563-23 | SW81 | Soluble | Solid | 300.0 | 64968 |
| MB 880-64968/1-A | Method Blank | Soluble | Solid | 300.0 | 64968 |
| LCS 880-64968/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64968 |
| LCSD 880-64968/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64968 |
| 880-34563-19 MS | SW77 | Soluble | Solid | 300.0 | 64968 |
| 880-34563-19 MSD | SW77 | Soluble | Solid | 300.0 | 64968 |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW59

**Lab Sample ID: 880-34563-1**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 20:12 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/19/23 20:12 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/18/23 21:09 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/18/23 21:09 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65165 | 10/20/23 13:17 | CH | EET MID |

## Client Sample ID: SW60

**Lab Sample ID: 880-34563-2**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 20:38 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/19/23 20:38 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/18/23 22:13 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/18/23 22:13 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 65165 | 10/20/23 13:24 | CH | EET MID |

## Client Sample ID: SW61

**Lab Sample ID: 880-34563-3**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 21:04 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/19/23 21:04 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/18/23 22:34 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/18/23 22:34 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65165 | 10/20/23 13:31 | CH | EET MID |

## Client Sample ID: SW62

**Lab Sample ID: 880-34563-4**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 21:29 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/19/23 21:29 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW62

**Lab Sample ID: 880-34563-4**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/18/23 22:55 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/18/23 22:55 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65165 | 10/20/23 13:51 | CH | EET MID |

## Client Sample ID: SW63

**Lab Sample ID: 880-34563-5**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 21:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/19/23 21:56 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/18/23 23:16 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/18/23 23:16 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65165 | 10/20/23 13:57 | CH | EET MID |

## Client Sample ID: SW64

**Lab Sample ID: 880-34563-6**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 22:22 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/19/23 22:22 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/18/23 23:38 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/18/23 23:38 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65165 | 10/20/23 14:04 | CH | EET MID |

## Client Sample ID: SW65

**Lab Sample ID: 880-34563-7**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 22:48 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/19/23 22:48 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/18/23 23:59 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/18/23 23:59 | SM | EET MID |

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# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW65

**Lab Sample ID: 880-34563-7**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65165 | 10/20/23 14:11 | CH | EET MID |

## Client Sample ID: SW66

**Lab Sample ID: 880-34563-8**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 23:15 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/19/23 23:15 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/19/23 00:20 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/19/23 00:20 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65165 | 10/20/23 14:17 | CH | EET MID |

## Client Sample ID: SW67

**Lab Sample ID: 880-34563-9**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 23:41 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/19/23 23:41 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/19/23 00:41 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/19/23 00:41 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65165 | 10/20/23 14:24 | CH | EET MID |

## Client Sample ID: SW68

**Lab Sample ID: 880-34563-10**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/20/23 00:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/20/23 00:08 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/19/23 01:02 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/19/23 01:02 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 5 | 50 mL | 50 mL | 65165 | 10/20/23 14:44 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW69

**Lab Sample ID: 880-34563-11**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/20/23 01:54 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/20/23 01:54 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/19/23 01:46 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/19/23 01:46 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65165 | 10/20/23 14:51 | CH | EET MID |

## Client Sample ID: SW70

**Lab Sample ID: 880-34563-12**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/20/23 02:21 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/20/23 02:21 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/19/23 02:07 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/19/23 02:07 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65165 | 10/20/23 15:11 | CH | EET MID |

## Client Sample ID: SW71

**Lab Sample ID: 880-34563-13**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/20/23 02:47 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/20/23 02:47 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/19/23 02:28 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/19/23 02:28 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65165 | 10/20/23 15:17 | CH | EET MID |

## Client Sample ID: SW72

**Lab Sample ID: 880-34563-14**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/20/23 03:14 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/20/23 03:14 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW72

**Lab Sample ID: 880-34563-14**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/19/23 02:49 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/19/23 02:49 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65165 | 10/20/23 15:24 | CH | EET MID |

## Client Sample ID: SW73

**Lab Sample ID: 880-34563-15**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/20/23 03:41 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/20/23 03:41 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/19/23 03:10 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/19/23 03:10 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65165 | 10/20/23 15:31 | CH | EET MID |

## Client Sample ID: SW74

**Lab Sample ID: 880-34563-16**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/20/23 04:07 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/20/23 04:07 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/19/23 03:31 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/19/23 03:31 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65165 | 10/20/23 15:37 | CH | EET MID |

## Client Sample ID: SW75

**Lab Sample ID: 880-34563-17**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/20/23 04:34 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/20/23 04:34 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/19/23 03:52 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/19/23 03:52 | SM | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW75

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34563-17**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65165 | 10/20/23 15:44 | CH | EET MID |

## Client Sample ID: SW76

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34563-18**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/20/23 05:00 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/20/23 05:00 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/19/23 04:13 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/19/23 04:13 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64967 | 10/18/23 12:02 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65165 | 10/20/23 15:51 | CH | EET MID |

## Client Sample ID: SW77

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34563-19**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.00 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/20/23 05:27 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/20/23 05:27 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/19/23 04:34 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/19/23 04:34 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64968 | 10/18/23 12:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65257 | 10/21/23 00:13 | CH | EET MID |

## Client Sample ID: SW78

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34563-20**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 64994 | 10/18/23 14:40 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/20/23 05:54 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/20/23 05:54 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/19/23 04:55 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 64958 | 10/18/23 11:44 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64932 | 10/19/23 04:55 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64968 | 10/18/23 12:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65257 | 10/21/23 00:33 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Client Sample ID: SW79

**Lab Sample ID: 880-34563-21**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 14:26 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/24/23 14:26 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/19/23 04:13 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10 mL | 64907 | 10/18/23 11:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64930 | 10/19/23 04:13 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64968 | 10/18/23 12:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65257 | 10/21/23 00:39 | CH | EET MID |

## Client Sample ID: SW80

**Lab Sample ID: 880-34563-22**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 14:46 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/24/23 14:46 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/19/23 04:34 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10 mL | 64907 | 10/18/23 11:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64930 | 10/19/23 04:34 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64968 | 10/18/23 12:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65257 | 10/21/23 00:46 | CH | EET MID |

## Client Sample ID: SW81

**Lab Sample ID: 880-34563-23**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 15:07 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65172 | 10/24/23 15:07 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65075 | 10/19/23 04:55 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64907 | 10/18/23 11:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 64930 | 10/19/23 04:55 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64968 | 10/18/23 12:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65257 | 10/21/23 00:53 | CH | EET MID |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

## Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Texas | NELAP | T104704400-23-26 | 06-30-24 |

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

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

# Method Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

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

**Protocol References:**

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

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

# Sample Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34563-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 880-34563-1 | SW59 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-2 | SW60 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-3 | SW61 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-4 | SW62 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-5 | SW63 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-6 | SW64 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-7 | SW65 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-8 | SW66 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-9 | SW67 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-10 | SW68 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-11 | SW69 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-12 | SW70 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-13 | SW71 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-14 | SW72 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-15 | SW73 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-16 | SW74 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-17 | SW75 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-18 | SW76 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-19 | SW77 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-20 | SW78 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-21 | SW79 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-22 | SW80 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34563-23 | SW81 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |

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# Chain of Custody

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El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad NM (575) 988-3199

Work Order No: 880-34563 Chain of Custody

10/24/2023

| | | | |
|---|---|---|---|
| Project Manager: | Bradley Wells | Bill to. (If different) | Timsan Bricker |
| Company Name. | Hungry Horse LLC | Company Name. | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St |
| City, State ZIP: | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone: | 575 393-3386 | Email | tbricker@selectwater com and pm@hungry-horse.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project. New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number: | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date: | |
| Sampler's Name. | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4.30pm | |
| PO #. | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank. | Yes (No) | Wet Ice. | (Yes) No | |
| Samples Received Intact: | (Yes) No | Thermometer ID: | 188 | |
| Cooler Custody Seals. | Yes No (N/A) | Correction Factor: | 0.2 | |
| Sample Custody Seals. | Yes No (N/A) | Temperature Reading. | 1.3 | |
| Total Containers. | | Corrected Temperature: | 1.5 | |

**Preservative Codes**

None: NO — DI Water: $H_2O$
Cool: Cool — MeOH: Me
HCL: HC — $HNO_3$: HN
$H_2SO_4$: $H_2$ — NaOH: Na
$H_3PO_4$: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SW59 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW60 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW61 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW62 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW63 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW64 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW65 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW66 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW67 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW68 | S | 10/13/23 | | | C | 1 | | X | X | X | |

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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

| | Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|---|
| 1 | | | | 2 | | |
| 3 | | | | 4 | | |
| 5 | | | | 6 | | |

Revised Date: 08/25/2020 Rev. 2020.2



Received by OCD: 6/13/2024 3:07:52 PM

Released to Imaging: 7/1/2024 1:26:15 PM

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# Chain of Custody

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794 1296
Hobbs NM (575) 392-7550 Carlsbad, NM (575) 988-3199

**Work Order No:** _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City, State ZIP | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone | 575 393-3386 Email | | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4:30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No | |
| Samples Received Intact: | Yes No | Thermometer ID | | |
| Cooler Custody Seals. | Yes No N/A | Correction Factor | | |
| Sample Custody Seals. | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**Preservative Codes**

None: NO DI Water: $H_2O$
Cool: Cool MeOH: Me
HCL: HC $HNO_3$: HN
$H_2SO_4$: $H_2$ NaOH: Na
$H_3PO_4$: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | Parameters: CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SW69 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW70 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW71 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW72 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW73 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW74 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW75 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW76 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW77 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| SW78 | S | 10/13/23 | | | C | 1 | | X | X | X | |

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

| | Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|---|
| 1 | | | 10-16-23 4:32 | 2 | | |
| 3 | | | | 4 | | |
| 5 | | | | 6 | | |

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 6/13/2024 3:07:52 PM
Released to Imaging: 7/1/2024 1:26:15 PM
10/24/2023
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# Chain of Custody

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EL Paso TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

**Work Order No:** _____

www.xenco.com Page 1 of 3

| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to. (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services, LLC |
| Address. | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City, State ZIP | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone | 575 393-3386 Email | | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables. EDD ☐ ADaPT ☐ Other

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | Pres. Code |
| Project Location | | Due Date. | |
| Sampler's Name. | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4:30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | Temp Blank. | Yes No | Wet Ice: | Yes No |
|---|---|---|---|---|
| Samples Received Intact. | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals: | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**ANALYSIS REQUEST**

**Preservative Codes**

None: NO DI Water: $H_2O$
Cool. Cool MeOH: Me
HCL. HC $HNO_3$. HN
$H_2SO_4$. $H_2$ NaOH. Na
$H_3PO_4$. HP
$NaHSO_4$. NABIS
$Na_2S_2O_3$. $NaSO_3$
Zn Acetate+NaOH. Zn
NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Parameters: CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| SW79 | S | 10/13/23 | | | C | 1 | X | X | X | |
| SW80 | S | 10/13/23 | | | C | 1 | X | X | X | |
| SW81 | S | 10/13/23 | | | C | 1 | X | X | X | |
| | | | | | | | | | | |
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| | | | | | | | | | | |

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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

| Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by. (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 10-16-23 46 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date: 08/25/2020 Rev 2020.2

Received by OCD: 6/13/2024 3:07:52 PM

Released to Imaging: 7/1/2024 1:26:15 PM

10/24/2023

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# Login Sample Receipt Checklist

Client: Hungry Horse LLC

Job Number: 880-34563-1
SDG Number:

**Login Number: 34563**
**List Number: 1**
**Creator: Kramer, Jessica**

**List Source: Eurofins Midland**

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

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Bradley Wells
Hungry Horse LLC
PO BOX 1058
Hobbs, New Mexico 88241

Generated 10/25/2023 10:44:15 AM

## JOB DESCRIPTION

J3 Pit

## JOB NUMBER

880-34566-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



Released to Imaging: 7/1/2024 1:26:15 PM

my EOL

# Eurofins Midland

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization

Holly Taylor

Generated
10/25/2023 10:44:15 AM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Client: Hungry Horse LLC
Project/Site: J3 Pit

Laboratory Job ID: 880-34566-1

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# Definitions/Glossary

Client: Hungry Horse LLC Job ID: 880-34566-1
Project/Site: J3 Pit

## Qualifiers

### GC VOA

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

### GC Semi VOA

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

### HPLC/IC

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

## Glossary

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

# Case Narrative

Client: Hungry Horse LLC Job ID: 880-34566-1
Project/Site: J3 Pit

## Job ID: 880-34566-1

### Laboratory: Eurofins Midland

**Narrative**

**Job Narrative**
**880-34566-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

**Receipt**
The samples were received on 10/18/2023 10:29 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C

**Receipt Exceptions**
One or more containers for the following samples were received empty: SW8 (880-34566-8), SW10 (880-34566-10) and SW12 (880-34566-12).

One or more containers for the following samples were received empty: SW7 (880-34566-7), SW9 (880-34566-9), SW11 (880-34566-11), SW13 (880-34566-13) and SW14 (880-34566-14).

**GC VOA**
Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-64992/1-A) and (LCSD 880-64992/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW5 (880-34566-5), SW6 (880-34566-6), SW15 (880-34566-15), SW16 (880-34566-16), SW17 (880-34566-17), SW18 (880-34566-18) and (880-34566-A-1-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW2 (880-34566-2), SW20 (880-34566-20), SW21 (880-34566-21), SW22 (880-34566-22), SW25 (880-34566-25) and SW26 (880-34566-26). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-64992 and analytical batch 880-64934 was outside control limits. Sample non-homogeneity is suspected.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-64992 and analytical batch 880-64934 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-64934 recovered above the upper control limit for m,p-Xylenes and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-64934/33).

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-64993 and analytical batch 880-64936 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW29 (880-34566-29), SW30 (880-34566-30),

# Case Narrative

Client: Hungry Horse LLC Job ID: 880-34566-1
Project/Site: J3 Pit

## Job ID: 880-34566-1 (Continued)

### Laboratory: Eurofins Midland (Continued)

SW31 (880-34566-31), SW33 (880-34566-33), SW34 (880-34566-34), SW35 (880-34566-35), SW36 (880-34566-36), SW37 (880-34566-37), SW38 (880-34566-38), SW39 (880-34566-39), SW40 (880-34566-40), SW41 (880-34566-41), SW42 (880-34566-42), SW43 (880-34566-43), SW44 (880-34566-44), SW45 (880-34566-45), SW46 (880-34566-46), SW47 (880-34566-47), SW48 (880-34566-48), (LCS 880-64993/1-A), (LCSD 880-64993/2-A), (880-34566-A-29-E MS) and (880-34566-A-29-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW41 (880-34566-41), SW42 (880-34566-42), SW43 (880-34566-43), SW44 (880-34566-44), SW45 (880-34566-45), SW46 (880-34566-46), SW47 (880-34566-47), SW48 (880-34566-48), SW49 (880-34566-49), SW50 (880-34566-50), SW53 (880-34566-53), SW54 (880-34566-54), SW55 (880-34566-55), SW56 (880-34566-56), SW57 (880-34566-57), SW58 (880-34566-58), (CCV 880-65272/2), (LCS 880-64995/1-A), (880-34566-A-41-D MS) and (880-34566-A-41-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-65272 recovered under the lower control limit for Benzene, Toluene, Ethylbenzene, m,p-Xylenes and o-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-65275 and analytical batch 880-65322 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-64997/1-A), (LCSD 880-64995/2-A), (LCSD 880-64997/2-A), (880-34567-A-21-H), (880-34567-A-21-F MS) and (880-34567-A-21-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW52 (880-34566-52). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-65120 and analytical batch 880-65444 was outside the upper control limits.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SW52 (880-34566-52). Elevated reporting limits (RLs) are provided.

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

**GC Semi VOA**

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-65061 and analytical batch 880-65020 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-64959 and 880-64969 and analytical batch 880-65130 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW1 (880-34566-1), SW2 (880-34566-2), SW4 (880-34566-4), SW5 (880-34566-5), SW6 (880-34566-6), SW18 (880-34566-18), (880-34566-A-1-C MS) and (880-34566-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW19 (880-34566-19), SW21 (880-34566-21), SW22 (880-34566-22), SW24 (880-34566-24), SW25 (880-34566-25) and SW28 (880-34566-28). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW37 (880-34566-37) and SW38 (880-34566-38). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

# Case Narrative

Client: Hungry Horse LLC Job ID: 880-34566-1
Project/Site: J3 Pit

## Job ID: 880-34566-1 (Continued)

### Laboratory: Eurofins Midland (Continued)

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-65130/20), (CCV 880-65130/31), (CCV 880-65130/47), (CCV 880-65130/5), (CCV 880-65130/58) and (LCS 880-64969/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-64970 and analytical batch 880-65264 was outside the upper control limits.

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

**HPLC/IC**

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-64946 and 880-64946 and analytical batch 880-65167 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW1

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-1**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/18/23 23:47 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/18/23 23:47 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/18/23 23:47 | 1 |
| m,p-Xylenes | <0.00398 | U *+ F2 | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/18/23 23:47 | 1 |
| o-Xylene | <0.00199 | U *+ | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/18/23 23:47 | 1 |
| Xylenes, Total | <0.00398 | U *+ | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/18/23 23:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *77* | | *70 - 130* | *10/18/23 14:39* | *10/18/23 23:47* | *1* |
| *1,4-Difluorobenzene (Surr)* | *72* | | *70 - 130* | *10/18/23 14:39* | *10/18/23 23:47* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/18/23 23:47 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/20/23 10:46 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 10:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 10:46 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 10:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *138* | *S1+* | *70 - 130* | *10/18/23 11:47* | *10/20/23 10:46* | *1* |
| *o-Terphenyl (Surr)* | *127* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 10:46* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **36.4** | | 5.01 | | mg/Kg | | | 10/21/23 01:12 | 1 |

## Client Sample ID: SW2

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-2**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:08 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:08 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:08 | 1 |
| m,p-Xylenes | <0.00399 | U *+ | 0.00399 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:08 | 1 |
| o-Xylene | <0.00200 | U *+ | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:08 | 1 |
| Xylenes, Total | <0.00399 | U *+ | 0.00399 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 00:08* | *1* |
| *1,4-Difluorobenzene (Surr)* | *64* | *S1-* | *70 - 130* | *10/18/23 14:39* | *10/19/23 00:08* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW2

**Lab Sample ID: 880-34566-2**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/19/23 00:08 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/20/23 11:52 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 11:52 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 11:52 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 11:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *146* | *S1+* | *70 - 130* | *10/18/23 11:47* | *10/20/23 11:52* | *1* |
| *o-Terphenyl (Surr)* | *134* | *S1+* | *70 - 130* | *10/18/23 11:47* | *10/20/23 11:52* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **61.1** | | 5.01 | | mg/Kg | | | 10/21/23 01:19 | 1 |

## Client Sample ID: SW3

**Lab Sample ID: 880-34566-3**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:28 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:28 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:28 | 1 |
| m,p-Xylenes | <0.00401 | U *+ | 0.00401 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:28 | 1 |
| o-Xylene | <0.00200 | U *+ | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:28 | 1 |
| Xylenes, Total | <0.00401 | U *+ | 0.00401 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *72* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 00:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *77* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 00:28* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/19/23 00:28 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/20/23 12:14 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 12:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 12:14 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW3

**Lab Sample ID: 880-34566-3**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 12:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *128* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 12:14* | *1* |
| *o-Terphenyl (Surr)* | *115* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 12:14* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **41.1** | | 4.99 | | mg/Kg | | | 10/21/23 01:26 | 1 |

## Client Sample ID: SW4

**Lab Sample ID: 880-34566-4**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:48 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:48 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:48 | 1 |
| m,p-Xylenes | <0.00398 | U *+ | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:48 | 1 |
| o-Xylene | <0.00199 | U *+ | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:48 | 1 |
| Xylenes, Total | <0.00398 | U *+ | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 00:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 00:48* | *1* |
| *1,4-Difluorobenzene (Surr)* | *74* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 00:48* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/19/23 00:48 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/20/23 12:36 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 12:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 12:36 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 12:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *133* | *S1+* | *70 - 130* | *10/18/23 11:47* | *10/20/23 12:36* | *1* |
| *o-Terphenyl (Surr)* | *118* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 12:36* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **92.8** | | 5.03 | | mg/Kg | | | 10/21/23 01:32 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW5

**Lab Sample ID: 880-34566-5**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:09 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:09 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:09 | 1 |
| m,p-Xylenes | <0.00396 | U *+ | 0.00396 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:09 | 1 |
| o-Xylene | <0.00198 | U *+ | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:09 | 1 |
| Xylenes, Total | <0.00396 | U *+ | 0.00396 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 01:09* | *1* |
| *1,4-Difluorobenzene (Surr)* | *62* | *S1-* | *70 - 130* | *10/18/23 14:39* | *10/19/23 01:09* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/19/23 01:09 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/20/23 12:57 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 12:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 12:57 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 12:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *152* | *S1+* | *70 - 130* | *10/18/23 11:47* | *10/20/23 12:57* | *1* |
| *o-Terphenyl (Surr)* | *136* | *S1+* | *70 - 130* | *10/18/23 11:47* | *10/20/23 12:57* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **39.2** | | 5.05 | | mg/Kg | | | 10/21/23 01:39 | 1 |

## Client Sample ID: SW6

**Lab Sample ID: 880-34566-6**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:29 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:29 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:29 | 1 |
| m,p-Xylenes | <0.00398 | U *+ | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:29 | 1 |
| o-Xylene | <0.00199 | U *+ | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:29 | 1 |
| Xylenes, Total | <0.00398 | U *+ | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *83* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 01:29* | *1* |
| *1,4-Difluorobenzene (Surr)* | *69* | *S1-* | *70 - 130* | *10/18/23 14:39* | *10/19/23 01:29* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW6

**Lab Sample ID: 880-34566-6**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/19/23 01:29 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/20/23 13:19 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 13:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 13:19 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 13:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *132* | *S1+* | *70 - 130* | *10/18/23 11:47* | *10/20/23 13:19* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 13:19* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **103** | | 5.01 | | mg/Kg | | | 10/21/23 01:46 | 1 |

## Client Sample ID: SW15

**Lab Sample ID: 880-34566-15**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:50 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:50 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:50 | 1 |
| m,p-Xylenes | <0.00399 | U *+ | 0.00399 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:50 | 1 |
| o-Xylene | <0.00200 | U *+ | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:50 | 1 |
| Xylenes, Total | <0.00399 | U *+ | 0.00399 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 01:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *84* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 01:50* | *1* |
| *1,4-Difluorobenzene (Surr)* | *63* | *S1-* | *70 - 130* | *10/18/23 14:39* | *10/19/23 01:50* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/19/23 01:50 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/20/23 13:41 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 13:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 13:41 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW15

**Lab Sample ID: 880-34566-15**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 13:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *130* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 13:41* | *1* |
| *o-Terphenyl (Surr)* | *117* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 13:41* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **57.7** | | 5.04 | | mg/Kg | | | 10/21/23 02:06 | 1 |

## Client Sample ID: SW16

**Lab Sample ID: 880-34566-16**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:10 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:10 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:10 | 1 |
| m,p-Xylenes | <0.00402 | U *+ | 0.00402 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:10 | 1 |
| o-Xylene | <0.00201 | U *+ | 0.00201 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:10 | 1 |
| Xylenes, Total | <0.00402 | U *+ | 0.00402 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *68* | *S1-* | *70 - 130* | *10/18/23 14:39* | *10/19/23 02:10* | *1* |
| *1,4-Difluorobenzene (Surr)* | *78* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 02:10* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/19/23 02:10 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/20/23 14:02 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 14:02 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 14:02 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 14:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *127* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 14:02* | *1* |
| *o-Terphenyl (Surr)* | *114* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 14:02* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **39.2** | | 5.04 | | mg/Kg | | | 10/20/23 22:55 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW17

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-17**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:30 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:30 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:30 | 1 |
| m,p-Xylenes | <0.00401 | U *+ | 0.00401 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:30 | 1 |
| o-Xylene | <0.00200 | U *+ | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:30 | 1 |
| Xylenes, Total | <0.00401 | U *+ | 0.00401 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *67* | *S1-* | *70 - 130* | *10/18/23 14:39* | *10/19/23 02:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *82* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 02:30* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/19/23 02:30 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/20/23 14:25 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 14:25 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 14:25 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 14:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *120* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 14:25* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 14:25* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **26.9** | | 5.01 | | mg/Kg | | | 10/20/23 23:12 | 1 |

## Client Sample ID: SW18

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-18**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:51 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:51 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:51 | 1 |
| m,p-Xylenes | <0.00396 | U *+ | 0.00396 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:51 | 1 |
| o-Xylene | <0.00198 | U *+ | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:51 | 1 |
| Xylenes, Total | <0.00396 | U *+ | 0.00396 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 02:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *69* | *S1-* | *70 - 130* | *10/18/23 14:39* | *10/19/23 02:51* | *1* |
| *1,4-Difluorobenzene (Surr)* | *84* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 02:51* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW18

**Lab Sample ID: 880-34566-18**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/19/23 02:51 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/20/23 14:46 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 14:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 14:46 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 14:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *132* | *S1+* | *70 - 130* | *10/18/23 11:47* | *10/20/23 14:46* | *1* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 14:46* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **30.5** | | 4.99 | | mg/Kg | | | 10/20/23 23:17 | 1 |

## Client Sample ID: SW19

**Lab Sample ID: 880-34566-19**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:13 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:13 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:13 | 1 |
| m,p-Xylenes | <0.00398 | U *+ | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:13 | 1 |
| o-Xylene | <0.00199 | U *+ | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:13 | 1 |
| Xylenes, Total | <0.00398 | U *+ | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *70* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 04:13* | *1* |
| *1,4-Difluorobenzene (Surr)* | *85* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 04:13* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/19/23 04:13 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/20/23 15:32 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 15:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 15:32 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW19

**Lab Sample ID: 880-34566-19**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 15:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *139* | *S1+* | *70 - 130* | *10/18/23 11:47* | *10/20/23 15:32* | *1* |
| *o-Terphenyl (Surr)* | *115* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 15:32* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **52.9** | | 4.95 | | mg/Kg | | | 10/20/23 23:23 | 1 |

## Client Sample ID: SW20

**Lab Sample ID: 880-34566-20**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:33 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:33 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:33 | 1 |
| m,p-Xylenes | <0.00398 | U *+ | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:33 | 1 |
| o-Xylene | <0.00199 | U *+ | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:33 | 1 |
| Xylenes, Total | <0.00398 | U *+ | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 04:33* | *1* |
| *1,4-Difluorobenzene (Surr)* | *69* | *S1-* | *70 - 130* | *10/18/23 14:39* | *10/19/23 04:33* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/19/23 04:33 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/20/23 15:54 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 15:54 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 15:54 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 15:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *127* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 15:54* | *1* |
| *o-Terphenyl (Surr)* | *115* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 15:54* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **79.4** | | 5.04 | | mg/Kg | | | 10/20/23 23:29 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW21

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-21**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:53 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:53 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:53 | 1 |
| m,p-Xylenes | <0.00399 | U *+ | 0.00399 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:53 | 1 |
| o-Xylene | <0.00200 | U *+ | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:53 | 1 |
| Xylenes, Total | <0.00399 | U *+ | 0.00399 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 04:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 04:53* | *1* |
| *1,4-Difluorobenzene (Surr)* | *67* | *S1-* | *70 - 130* | *10/18/23 14:39* | *10/19/23 04:53* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/19/23 04:53 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/20/23 16:16 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 16:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 16:16 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 16:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *132* | *S1+* | *70 - 130* | *10/18/23 11:47* | *10/20/23 16:16* | *1* |
| *o-Terphenyl (Surr)* | *118* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 16:16* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **57.4** | | 5.03 | | mg/Kg | | | 10/20/23 23:46 | 1 |

## Client Sample ID: SW22

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-22**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:14 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:14 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:14 | 1 |
| m,p-Xylenes | <0.00401 | U *+ | 0.00401 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:14 | 1 |
| o-Xylene | <0.00200 | U *+ | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:14 | 1 |
| Xylenes, Total | <0.00401 | U *+ | 0.00401 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *84* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 05:14* | *1* |
| *1,4-Difluorobenzene (Surr)* | *67* | *S1-* | *70 - 130* | *10/18/23 14:39* | *10/19/23 05:14* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW22

**Lab Sample ID: 880-34566-22**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/19/23 05:14 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/20/23 16:37 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 16:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 16:37 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 16:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *137* | *S1+* | *70 - 130* | *10/18/23 11:47* | *10/20/23 16:37* | *1* |
| *o-Terphenyl (Surr)* | *122* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 16:37* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **70.5** | | 5.00 | | mg/Kg | | | 10/20/23 23:51 | 1 |

## Client Sample ID: SW23

**Lab Sample ID: 880-34566-23**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:34 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:34 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:34 | 1 |
| m,p-Xylenes | <0.00398 | U *+ | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:34 | 1 |
| **o-Xylene** | **0.00277** | ***+** | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:34 | 1 |
| Xylenes, Total | <0.00398 | U *+ | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 05:34* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 05:34* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/19/23 05:34 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/20/23 17:00 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 17:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 17:00 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW23

**Lab Sample ID: 880-34566-23**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 17:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *120* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 17:00* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 17:00* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **41.5** | | 4.99 | | mg/Kg | | | 10/20/23 23:57 | 1 |

## Client Sample ID: SW24

**Lab Sample ID: 880-34566-24**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:55 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:55 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:55 | 1 |
| m,p-Xylenes | <0.00398 | U *+ | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:55 | 1 |
| o-Xylene | <0.00199 | U *+ | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:55 | 1 |
| Xylenes, Total | <0.00398 | U *+ | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 05:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *83* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 05:55* | *1* |
| *1,4-Difluorobenzene (Surr)* | *118* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 05:55* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/19/23 05:55 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/20/23 17:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 17:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 17:22 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 17:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *138* | *S1+* | *70 - 130* | *10/18/23 11:47* | *10/20/23 17:22* | *1* |
| *o-Terphenyl (Surr)* | *126* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 17:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **33.4** | | 4.97 | | mg/Kg | | | 10/21/23 00:03 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW25

**Lab Sample ID: 880-34566-25**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |
| m,p-Xylenes | <0.00396 | U *+ | 0.00396 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |
| o-Xylene | <0.00198 | U *+ | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |
| Xylenes, Total | <0.00396 | U *+ | 0.00396 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 06:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *68* | *S1-* | *70 - 130* | *10/18/23 14:39* | *10/19/23 06:15* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/19/23 06:15 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/20/23 17:43 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 17:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 17:43 | 1 |
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 17:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *136* | *S1+* | *70 - 130* | *10/18/23 11:47* | *10/20/23 17:43* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 17:43* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **73.8** | | 4.98 | | mg/Kg | | | 10/21/23 00:08 | 1 |

## Client Sample ID: SW26

**Lab Sample ID: 880-34566-26**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:36 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:36 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:36 | 1 |
| m,p-Xylenes | <0.00401 | U *+ | 0.00401 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:36 | 1 |
| o-Xylene | <0.00200 | U *+ | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:36 | 1 |
| Xylenes, Total | <0.00401 | U *+ | 0.00401 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 06:36* | *1* |
| *1,4-Difluorobenzene (Surr)* | *64* | *S1-* | *70 - 130* | *10/18/23 14:39* | *10/19/23 06:36* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW26

**Lab Sample ID: 880-34566-26**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/19/23 06:36 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/20/23 18:05 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 18:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 18:05 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 18:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *130* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 18:05* | *1* |
| *o-Terphenyl (Surr)* | *116* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 18:05* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **70.5** | | 4.97 | | mg/Kg | | | 10/21/23 00:14 | 1 |

## Client Sample ID: SW27

**Lab Sample ID: 880-34566-27**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:56 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:56 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:56 | 1 |
| m,p-Xylenes | <0.00402 | U *+ | 0.00402 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:56 | 1 |
| o-Xylene | <0.00201 | U *+ | 0.00201 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:56 | 1 |
| Xylenes, Total | <0.00402 | U *+ | 0.00402 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *85* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 06:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *70* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 06:56* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/19/23 06:56 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/20/23 18:26 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 18:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 18:26 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW27

**Lab Sample ID: 880-34566-27**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 18:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 18:26* | *1* |
| *o-Terphenyl (Surr)* | *117* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 18:26* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **52.6** | | 5.01 | | mg/Kg | | | 10/21/23 00:31 | 1 |

## Client Sample ID: SW28

**Lab Sample ID: 880-34566-28**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:17 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:17 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:17 | 1 |
| m,p-Xylenes | <0.00398 | U *+ | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:17 | 1 |
| o-Xylene | <0.00199 | U *+ | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:17 | 1 |
| Xylenes, Total | <0.00398 | U *+ | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *73* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 07:17* | *1* |
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 07:17* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/19/23 07:17 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/20/23 18:48 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 18:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 18:48 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 18:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *139* | *S1+* | *70 - 130* | *10/18/23 11:47* | *10/20/23 18:48* | *1* |
| *o-Terphenyl (Surr)* | *128* | | *70 - 130* | *10/18/23 11:47* | *10/20/23 18:48* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **24.3** | | 4.97 | | mg/Kg | | | 10/21/23 00:36 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW29

**Lab Sample ID: 880-34566-29**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U F1 | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:41 | 1 |
| Toluene | <0.00198 | U F1 | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:41 | 1 |
| Ethylbenzene | <0.00198 | U F1 | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:41 | 1 |
| m,p-Xylenes | <0.00396 | U F1 | 0.00396 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:41 | 1 |
| o-Xylene | <0.00198 | U F1 | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:41 | 1 |
| Xylenes, Total | <0.00396 | U F1 | 0.00396 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *131* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 06:41* | *1* |
| *1,4-Difluorobenzene (Surr)* | *75* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 06:41* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/19/23 06:41 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/20/23 20:33 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 20:33 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 20:33 | 1 |
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 20:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *118* | | *70 - 130* | *10/18/23 12:04* | *10/20/23 20:33* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *10/18/23 12:04* | *10/20/23 20:33* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **68.1** | | 5.00 | | mg/Kg | | | 10/21/23 00:53 | 1 |

## Client Sample ID: SW30

**Lab Sample ID: 880-34566-30**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:07 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:07 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:07 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:07 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:07 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *176* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 07:07* | *1* |
| *1,4-Difluorobenzene (Surr)* | *120* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 07:07* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW30

**Lab Sample ID: 880-34566-30**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/19/23 07:07 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/20/23 21:36 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 21:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 21:36 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 21:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* | *10/18/23 12:04* | *10/20/23 21:36* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *10/18/23 12:04* | *10/20/23 21:36* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **54.6** | | 5.03 | | mg/Kg | | | 10/21/23 00:59 | 1 |

## Client Sample ID: SW31

**Lab Sample ID: 880-34566-31**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:33 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:33 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:33 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:33 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:33 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *167* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 07:33* | *1* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 07:33* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/19/23 07:33 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/20/23 21:57 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 21:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 21:57 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW31

**Lab Sample ID: 880-34566-31**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 21:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *122* | | *70 - 130* | *10/18/23 12:04* | *10/20/23 21:57* | *1* |
| *o-Terphenyl (Surr)* | *109* | | *70 - 130* | *10/18/23 12:04* | *10/20/23 21:57* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **82.2** | | 5.01 | | mg/Kg | | | 10/21/23 01:05 | 1 |

## Client Sample ID: SW32

**Lab Sample ID: 880-34566-32**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:59 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:59 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:59 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:59 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:59 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 07:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *121* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 07:59* | *1* |
| *1,4-Difluorobenzene (Surr)* | *70* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 07:59* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/19/23 07:59 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/20/23 22:18 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 22:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 22:18 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 22:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* | *10/18/23 12:04* | *10/20/23 22:18* | *1* |
| *o-Terphenyl (Surr)* | *99* | | *70 - 130* | *10/18/23 12:04* | *10/20/23 22:18* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **64.9** | | 4.98 | | mg/Kg | | | 10/21/23 01:10 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW33

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-33**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 08:26 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 08:26 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 08:26 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 08:26 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 08:26 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 08:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *173* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 08:26* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 08:26* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/19/23 08:26 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/20/23 22:39 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 22:39 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 22:39 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 22:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *117* | | *70 - 130* | *10/18/23 12:04* | *10/20/23 22:39* | *1* |
| *o-Terphenyl (Surr)* | *98* | | *70 - 130* | *10/18/23 12:04* | *10/20/23 22:39* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **39.9** | | 4.96 | | mg/Kg | | | 10/21/23 01:16 | 1 |

## Client Sample ID: SW34

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-34**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 08:52 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 08:52 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 08:52 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 08:52 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 08:52 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 08:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *134* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 08:52* | *1* |
| *1,4-Difluorobenzene (Surr)* | *85* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 08:52* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW34

**Lab Sample ID: 880-34566-34**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/19/23 08:52 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/20/23 23:01 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 23:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 23:01 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 23:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* | *10/18/23 12:04* | *10/20/23 23:01* | *1* |
| *o-Terphenyl (Surr)* | *93* | | *70 - 130* | *10/18/23 12:04* | *10/20/23 23:01* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **30.5** | | 5.02 | | mg/Kg | | | 10/21/23 01:22 | 1 |

## Client Sample ID: SW35

**Lab Sample ID: 880-34566-35**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 09:19 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 09:19 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 09:19 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 09:19 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 09:19 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 09:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *161* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 09:19* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 09:19* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/19/23 09:19 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/20/23 23:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 23:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 23:22 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW35

**Lab Sample ID: 880-34566-35**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 23:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* | *10/18/23 12:04* | *10/20/23 23:22* | *1* |
| *o-Terphenyl (Surr)* | *98* | | *70 - 130* | *10/18/23 12:04* | *10/20/23 23:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **65.3** | | 4.96 | | mg/Kg | | | 10/21/23 01:27 | 1 |

## Client Sample ID: SW36

**Lab Sample ID: 880-34566-36**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 09:45 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 09:45 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 09:45 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 09:45 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 09:45 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 09:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *138* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 09:45* | *1* |
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 09:45* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/19/23 09:45 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/20/23 23:43 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 23:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 23:43 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:04 | 10/20/23 23:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *10/18/23 12:04* | *10/20/23 23:43* | *1* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* | *10/18/23 12:04* | *10/20/23 23:43* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **111** | **F1** | 4.99 | | mg/Kg | | | 10/20/23 16:44 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW37

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-37**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 10:11 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 10:11 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 10:11 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 10:11 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 10:11 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 10:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *177* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 10:11* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 10:11* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/19/23 10:11 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/21/23 00:04 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 00:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 00:04 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 00:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *132* | *S1+* | *70 - 130* | *10/18/23 12:04* | *10/21/23 00:04* | *1* |
| *o-Terphenyl (Surr)* | *115* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 00:04* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **94.6** | | 4.98 | | mg/Kg | | | 10/20/23 17:04 | 1 |

## Client Sample ID: SW38

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-38**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 10:37 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 10:37 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 10:37 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 10:37 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 10:37 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 10:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *163* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 10:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 10:37* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW38

**Lab Sample ID: 880-34566-38**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/19/23 10:37 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/21/23 00:26 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 00:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 00:26 | 1 |
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 00:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *132* | *S1+* | *70 - 130* | *10/18/23 12:04* | *10/21/23 00:26* | *1* |
| *o-Terphenyl (Surr)* | *109* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 00:26* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **60.8** | | 5.01 | | mg/Kg | | | 10/20/23 17:11 | 1 |

## Client Sample ID: SW39

**Lab Sample ID: 880-34566-39**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 12:21 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 12:21 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 12:21 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 12:21 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 12:21 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 12:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *158* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 12:21* | *1* |
| *1,4-Difluorobenzene (Surr)* | *80* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 12:21* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/19/23 12:21 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.5 | U | 49.5 | | mg/Kg | | | 10/21/23 01:08 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 01:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 01:08 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW39

**Lab Sample ID: 880-34566-39**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 01:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *125* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 01:08* | *1* |
| *o-Terphenyl (Surr)* | *112* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 01:08* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **123** | | 4.98 | | mg/Kg | | | 10/20/23 17:17 | 1 |

## Client Sample ID: SW40

**Lab Sample ID: 880-34566-40**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 12:47 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 12:47 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 12:47 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 12:47 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 12:47 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 12:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *147* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 12:47* | *1* |
| *1,4-Difluorobenzene (Surr)* | *85* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 12:47* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/19/23 12:47 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.5 | U | 49.5 | | mg/Kg | | | 10/21/23 01:29 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 01:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 01:29 | 1 |
| OII Range Organics (Over C28-C36) | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 01:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *130* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 01:29* | *1* |
| *o-Terphenyl (Surr)* | *114* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 01:29* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **73.9** | | 4.97 | | mg/Kg | | | 10/20/23 17:24 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW41

**Lab Sample ID: 880-34566-41**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 13:13 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 13:13 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 13:13 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 13:13 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 13:13 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 13:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *181* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 13:13* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 13:13* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/19/23 13:13 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/21/23 01:51 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 01:51 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 01:51 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 01:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 01:51* | *1* |
| *o-Terphenyl (Surr)* | *105* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 01:51* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **141** | | 4.95 | | mg/Kg | | | 10/20/23 17:45 | 1 |

## Client Sample ID: SW42

**Lab Sample ID: 880-34566-42**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 13:39 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 13:39 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 13:39 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 13:39 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 13:39 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 13:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *141* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 13:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *75* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 13:39* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW42

**Lab Sample ID: 880-34566-42**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/19/23 13:39 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/21/23 02:12 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 02:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 02:12 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 02:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *125* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 02:12* | *1* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 02:12* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **83.2** | | 5.02 | | mg/Kg | | | 10/20/23 17:51 | 1 |

## Client Sample ID: SW43

**Lab Sample ID: 880-34566-43**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:05 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:05 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:05 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:05 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:05 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *168* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 14:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *84* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 14:05* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/19/23 14:05 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/21/23 02:34 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 02:34 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 02:34 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW43

**Lab Sample ID: 880-34566-43**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 02:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *120* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 02:34* | *1* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 02:34* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **159** | | 4.95 | | mg/Kg | | | 10/20/23 17:58 | 1 |

## Client Sample ID: SW44

**Lab Sample ID: 880-34566-44**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:31 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:31 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:31 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:31 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:31 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *176* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 14:31* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 14:31* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/19/23 14:31 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/21/23 02:55 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 02:55 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 02:55 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 02:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *118* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 02:55* | *1* |
| *o-Terphenyl (Surr)* | *105* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 02:55* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **146** | | 4.95 | | mg/Kg | | | 10/20/23 18:05 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW45

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-45**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:57 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:57 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:57 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:57 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:57 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 14:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *182* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 14:57* | *1* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 14:57* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/19/23 14:57 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/21/23 03:16 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 03:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 03:16 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 03:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 03:16* | *1* |
| *o-Terphenyl (Surr)* | *93* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 03:16* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **84.1** | | 4.96 | | mg/Kg | | | 10/20/23 18:11 | 1 |

## Client Sample ID: SW46

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-46**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 15:23 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 15:23 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 15:23 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 15:23 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 15:23 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 15:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *167* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 15:23* | *1* |
| *1,4-Difluorobenzene (Surr)* | *77* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 15:23* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW46

**Lab Sample ID: 880-34566-46**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 10/19/23 15:23 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/21/23 03:37 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 03:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 03:37 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 03:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 03:37* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 03:37* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **150** | **F1** | 4.99 | | mg/Kg | | | 10/20/23 18:18 | 1 |

## Client Sample ID: SW47

**Lab Sample ID: 880-34566-47**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 15:49 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 15:49 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 15:49 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 15:49 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 15:49 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 15:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *136* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 15:49* | *1* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 15:49* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/19/23 15:49 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/21/23 03:58 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 03:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 03:58 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW47

**Lab Sample ID: 880-34566-47**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 03:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 03:58* | *1* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 03:58* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **127** | | 4.95 | | mg/Kg | | | 10/20/23 18:38 | 1 |

## Client Sample ID: SW48

**Lab Sample ID: 880-34566-48**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 16:15 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 16:15 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 16:15 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 16:15 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 16:15 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 16:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *149* | *S1+* | *70 - 130* | *10/18/23 14:39* | *10/19/23 16:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *83* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 16:15* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/19/23 16:15 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/21/23 04:19 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 04:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 04:19 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:04 | 10/21/23 04:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *117* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 04:19* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *10/18/23 12:04* | *10/21/23 04:19* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **168** | | 5.03 | | mg/Kg | | | 10/20/23 18:44 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW49

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-49**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 10:27 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 10:27 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 10:27 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 10:27 | 1 |
| **o-Xylene** | **0.00322** | | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 10:27 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 10:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *134* | *S1+* | *70 - 130* | *10/18/23 14:55* | *10/22/23 10:27* | *1* |
| *1,4-Difluorobenzene (Surr)* | *84* | | *70 - 130* | *10/18/23 14:55* | *10/22/23 10:27* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/22/23 10:27 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/21/23 20:32 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 20:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 20:32 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 20:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* | *10/18/23 12:07* | *10/21/23 20:32* | *1* |
| *o-Terphenyl (Surr)* | *123* | | *70 - 130* | *10/18/23 12:07* | *10/21/23 20:32* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **143** | | 5.03 | | mg/Kg | | | 10/20/23 19:05 | 1 |

## Client Sample ID: SW50

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-50**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 10:53 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 10:53 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 10:53 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 10:53 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 10:53 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 10:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *212* | *S1+* | *70 - 130* | *10/18/23 14:55* | *10/22/23 10:53* | *1* |
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* | *10/18/23 14:55* | *10/22/23 10:53* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW50

**Lab Sample ID: 880-34566-50**
**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 10:53 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **56.1** | | 49.7 | | mg/Kg | | | 10/21/23 21:36 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 21:36 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **56.1** | | 49.7 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 21:36 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 21:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *10/18/23 12:07* | *10/21/23 21:36* | *1* |
| *o-Terphenyl (Surr)* | *123* | | *70 - 130* | *10/18/23 12:07* | *10/21/23 21:36* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **150** | | 5.02 | | mg/Kg | | | 10/20/23 19:11 | 1 |

## Client Sample ID: SW51

**Lab Sample ID: 880-34566-51**
**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 12:37 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 12:37 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 12:37 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 12:37 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 12:37 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 12:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *129* | | *70 - 130* | *10/18/23 14:55* | *10/22/23 12:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *76* | | *70 - 130* | *10/18/23 14:55* | *10/22/23 12:37* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 12:37 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/21/23 21:57 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 21:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 21:57 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW51

**Lab Sample ID: 880-34566-51**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 21:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *10/18/23 12:07* | *10/21/23 21:57* | *1* |
| *o-Terphenyl (Surr)* | *130* | | *70 - 130* | *10/18/23 12:07* | *10/21/23 21:57* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **107** | | 5.01 | | mg/Kg | | | 10/20/23 19:18 | 1 |

## Client Sample ID: SW52

**Lab Sample ID: 880-34566-52**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.0198 | U | 0.0198 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 16:58 | 10 |
| Toluene | <0.0198 | U | 0.0198 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 16:58 | 10 |
| Ethylbenzene | <0.0198 | U | 0.0198 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 16:58 | 10 |
| m,p-Xylenes | <0.0396 | U | 0.0396 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 16:58 | 10 |
| o-Xylene | <0.0198 | U | 0.0198 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 16:58 | 10 |
| Xylenes, Total | <0.0396 | U | 0.0396 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 16:58 | 10 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *235* | *S1+* | *70 - 130* | *10/19/23 17:44* | *10/24/23 16:58* | *10* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 16:58* | *10* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.0396 | U | 0.0396 | | mg/Kg | | | 10/24/23 16:58 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/21/23 22:18 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 22:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 22:18 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 22:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *110* | | *70 - 130* | *10/18/23 12:07* | *10/21/23 22:18* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *10/18/23 12:07* | *10/21/23 22:18* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **125** | | 5.01 | | mg/Kg | | | 10/20/23 19:25 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW53

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-53**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 13:30 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 13:30 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 13:30 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 13:30 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 13:30 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 13:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *208* | *S1+* | *70 - 130* | *10/18/23 14:55* | *10/22/23 13:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* | *10/18/23 14:55* | *10/22/23 13:30* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/22/23 13:30 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/21/23 22:40 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 22:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 22:40 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 22:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *97* | | *70 - 130* | *10/18/23 12:07* | *10/21/23 22:40* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *10/18/23 12:07* | *10/21/23 22:40* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **125** | | 4.99 | | mg/Kg | | | 10/20/23 19:31 | 1 |

## Client Sample ID: SW54

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-54**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 13:56 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 13:56 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 13:56 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 13:56 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 13:56 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 13:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *190* | *S1+* | *70 - 130* | *10/18/23 14:55* | *10/22/23 13:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *10/18/23 14:55* | *10/22/23 13:56* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW54

**Lab Sample ID: 880-34566-54**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 13:56 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/21/23 23:01 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 23:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 23:01 | 1 |
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 23:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *92* | | *70 - 130* | *10/18/23 12:07* | *10/21/23 23:01* | *1* |
| *o-Terphenyl (Surr)* | *99* | | *70 - 130* | *10/18/23 12:07* | *10/21/23 23:01* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **114** | | 4.97 | | mg/Kg | | | 10/20/23 19:38 | 1 |

## Client Sample ID: SW55

**Lab Sample ID: 880-34566-55**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 14:23 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 14:23 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 14:23 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 14:23 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 14:23 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 14:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *206* | *S1+* | *70 - 130* | *10/18/23 14:55* | *10/22/23 14:23* | *1* |
| *1,4-Difluorobenzene (Surr)* | *78* | | *70 - 130* | *10/18/23 14:55* | *10/22/23 14:23* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 14:23 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/21/23 23:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 23:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 23:22 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW55

**Lab Sample ID: 880-34566-55**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 23:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *110* | | *70 - 130* | *10/18/23 12:07* | *10/21/23 23:22* | *1* |
| *o-Terphenyl (Surr)* | *119* | | *70 - 130* | *10/18/23 12:07* | *10/21/23 23:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **105** | | 4.99 | | mg/Kg | | | 10/20/23 19:45 | 1 |

## Client Sample ID: SW56

**Lab Sample ID: 880-34566-56**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 14:49 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 14:49 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 14:49 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 14:49 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 14:49 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 14:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *230* | *S1+* | *70 - 130* | *10/18/23 14:55* | *10/22/23 14:49* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *10/18/23 14:55* | *10/22/23 14:49* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/22/23 14:49 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **56.2** | | 49.9 | | mg/Kg | | | 10/19/23 22:27 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 22:27 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **56.2** | | 49.9 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 22:27 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 22:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *75* | | *70 - 130* | *10/19/23 14:03* | *10/19/23 22:27* | *1* |
| *o-Terphenyl (Surr)* | *77* | | *70 - 130* | *10/19/23 14:03* | *10/19/23 22:27* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **106** | | 4.98 | | mg/Kg | | | 10/20/23 12:30 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW57

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-57**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 15:15 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 15:15 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 15:15 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 15:15 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 15:15 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 15:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *237* | *S1+* | *70 - 130* | *10/18/23 14:55* | *10/22/23 15:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *10/18/23 14:55* | *10/22/23 15:15* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/22/23 15:15 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **51.9** | | 49.7 | | mg/Kg | | | 10/19/23 22:49 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 22:49 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **51.9** | | 49.7 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 22:49 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 22:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *87* | | *70 - 130* | *10/19/23 14:03* | *10/19/23 22:49* | *1* |
| *o-Terphenyl (Surr)* | *91* | | *70 - 130* | *10/19/23 14:03* | *10/19/23 22:49* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **80.3** | | 5.00 | | mg/Kg | | | 10/20/23 12:50 | 1 |

## Client Sample ID: SW58

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-58**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 15:42 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 15:42 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 15:42 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 15:42 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 15:42 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 15:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *219* | *S1+* | *70 - 130* | *10/18/23 14:55* | *10/22/23 15:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* | *10/18/23 14:55* | *10/22/23 15:42* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW58

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

## Lab Sample ID: 880-34566-58

**Matrix: Solid**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/22/23 15:42 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **50.7** | | 49.7 | | mg/Kg | | | 10/19/23 23:11 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 23:11 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **50.7** | | 49.7 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 23:11 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 23:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *92* | | *70 - 130* | *10/19/23 14:03* | *10/19/23 23:11* | *1* |
| *o-Terphenyl (Surr)* | *94* | | *70 - 130* | *10/19/23 14:03* | *10/19/23 23:11* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **92.3** | | 5.02 | | mg/Kg | | | 10/20/23 12:57 | 1 |

# Surrogate Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | BFB1 (70-130) | DFBZ1 (70-130) | | | | | | | | | | |
| 880-34566-1 | SW1 | 77 | 72 | | | | | | | | | | |
| 880-34566-1 MS | SW1 | 110 | 103 | | | | | | | | | | |
| 880-34566-1 MSD | SW1 | 139 S1+ | 114 | | | | | | | | | | |
| 880-34566-2 | SW2 | 86 | 64 S1- | | | | | | | | | | |
| 880-34566-3 | SW3 | 72 | 77 | | | | | | | | | | |
| 880-34566-4 | SW4 | 87 | 74 | | | | | | | | | | |
| 880-34566-5 | SW5 | 87 | 62 S1- | | | | | | | | | | |
| 880-34566-6 | SW6 | 83 | 69 S1- | | | | | | | | | | |
| 880-34566-15 | SW15 | 84 | 63 S1- | | | | | | | | | | |
| 880-34566-16 | SW16 | 68 S1- | 78 | | | | | | | | | | |
| 880-34566-17 | SW17 | 67 S1- | 82 | | | | | | | | | | |
| 880-34566-18 | SW18 | 69 S1- | 84 | | | | | | | | | | |
| 880-34566-19 | SW19 | 70 | 85 | | | | | | | | | | |
| 880-34566-20 | SW20 | 90 | 69 S1- | | | | | | | | | | |
| 880-34566-21 | SW21 | 89 | 67 S1- | | | | | | | | | | |
| 880-34566-22 | SW22 | 84 | 67 S1- | | | | | | | | | | |
| 880-34566-23 | SW23 | 82 | 95 | | | | | | | | | | |
| 880-34566-24 | SW24 | 83 | 118 | | | | | | | | | | |
| 880-34566-25 | SW25 | 86 | 68 S1- | | | | | | | | | | |
| 880-34566-26 | SW26 | 90 | 64 S1- | | | | | | | | | | |
| 880-34566-27 | SW27 | 85 | 70 | | | | | | | | | | |
| 880-34566-28 | SW28 | 73 | 86 | | | | | | | | | | |
| 880-34566-29 | SW29 | 131 S1+ | 75 | | | | | | | | | | |
| 880-34566-29 MS | SW29 | 142 S1+ | 86 | | | | | | | | | | |
| 880-34566-29 MSD | SW29 | 147 S1+ | 84 | | | | | | | | | | |
| 880-34566-30 | SW30 | 176 S1+ | 120 | | | | | | | | | | |
| 880-34566-31 | SW31 | 167 S1+ | 91 | | | | | | | | | | |
| 880-34566-32 | SW32 | 121 | 70 | | | | | | | | | | |
| 880-34566-33 | SW33 | 173 S1+ | 99 | | | | | | | | | | |
| 880-34566-34 | SW34 | 134 S1+ | 85 | | | | | | | | | | |
| 880-34566-35 | SW35 | 161 S1+ | 88 | | | | | | | | | | |
| 880-34566-36 | SW36 | 138 S1+ | 86 | | | | | | | | | | |
| 880-34566-37 | SW37 | 177 S1+ | 96 | | | | | | | | | | |
| 880-34566-38 | SW38 | 163 S1+ | 88 | | | | | | | | | | |
| 880-34566-39 | SW39 | 158 S1+ | 80 | | | | | | | | | | |
| 880-34566-40 | SW40 | 147 S1+ | 85 | | | | | | | | | | |
| 880-34566-41 | SW41 | 181 S1+ | 97 | | | | | | | | | | |
| 880-34566-41 MS | SW41 | 193 S1+ | 95 | | | | | | | | | | |
| 880-34566-41 MSD | SW41 | 149 S1+ | 80 | | | | | | | | | | |
| 880-34566-42 | SW42 | 141 S1+ | 75 | | | | | | | | | | |
| 880-34566-43 | SW43 | 168 S1+ | 84 | | | | | | | | | | |
| 880-34566-44 | SW44 | 176 S1+ | 92 | | | | | | | | | | |
| 880-34566-45 | SW45 | 182 S1+ | 105 | | | | | | | | | | |
| 880-34566-46 | SW46 | 167 S1+ | 77 | | | | | | | | | | |
| 880-34566-47 | SW47 | 136 S1+ | 105 | | | | | | | | | | |
| 880-34566-48 | SW48 | 149 S1+ | 83 | | | | | | | | | | |
| 880-34566-49 | SW49 | 134 S1+ | 84 | | | | | | | | | | |
| 880-34566-50 | SW50 | 212 S1+ | 86 | | | | | | | | | | |
| 880-34566-51 | SW51 | 129 | 76 | | | | | | | | | | |

# Surrogate Summary

Client: Hungry Horse LLC Job ID: 880-34566-1
Project/Site: J3 Pit

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

**Matrix: Solid** **Prep Type: Total/NA**

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130) | DFBZ1 (70-130) |
|---|---|---|---|
| 880-34566-52 | SW52 | 235 S1+ | 114 |
| 880-34566-53 | SW53 | 208 S1+ | 86 |
| 880-34566-54 | SW54 | 190 S1+ | 94 |
| 880-34566-55 | SW55 | 206 S1+ | 78 |
| 880-34566-56 | SW56 | 230 S1+ | 92 |
| 880-34566-57 | SW57 | 237 S1+ | 99 |
| 880-34566-58 | SW58 | 219 S1+ | 105 |
| LCS 880-64992/1-A | Lab Control Sample | 140 S1+ | 84 |
| LCS 880-64993/1-A | Lab Control Sample | 142 S1+ | 97 |
| LCS 880-64995/1-A | Lab Control Sample | 151 S1+ | 70 |
| LCS 880-65120/1-A | Lab Control Sample | 98 | 115 |
| LCS 880-65275/1-A | Lab Control Sample | 100 | 100 |
| LCSD 880-64992/2-A | Lab Control Sample Dup | 139 S1+ | 123 |
| LCSD 880-64993/2-A | Lab Control Sample Dup | 139 S1+ | 77 |
| LCSD 880-64995/2-A | Lab Control Sample Dup | 158 S1+ | 79 |
| LCSD 880-65120/2-A | Lab Control Sample Dup | 111 | 101 |
| LCSD 880-65275/2-A | Lab Control Sample Dup | 106 | 101 |
| MB 880-64787/5-A | Method Blank | 77 | 80 |
| MB 880-64902/5-A | Method Blank | 87 | 82 |
| MB 880-64992/5-A | Method Blank | 75 | 72 |
| MB 880-64993/5-A | Method Blank | 93 | 90 |
| MB 880-64995/5-A | Method Blank | 107 | 87 |
| MB 880-64997/5-A | Method Blank | 86 | 98 |
| MB 880-65120/5-A | Method Blank | 115 | 144 S1+ |
| MB 880-65275/5-A | Method Blank | 105 | 132 S1+ |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

**Matrix: Solid** **Prep Type: Total/NA**

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130) | OTPH1 (70-130) |
|---|---|---|---|
| 880-34566-1 | SW1 | 138 S1+ | 127 |
| 880-34566-1 MS | SW1 | 135 S1+ | 113 |
| 880-34566-1 MSD | SW1 | 136 S1+ | 114 |
| 880-34566-2 | SW2 | 146 S1+ | 134 S1+ |
| 880-34566-3 | SW3 | 128 | 115 |
| 880-34566-4 | SW4 | 133 S1+ | 118 |
| 880-34566-5 | SW5 | 152 S1+ | 136 S1+ |
| 880-34566-6 | SW6 | 132 S1+ | 120 |
| 880-34566-15 | SW15 | 130 | 117 |
| 880-34566-16 | SW16 | 127 | 114 |
| 880-34566-17 | SW17 | 120 | 104 |
| 880-34566-18 | SW18 | 132 S1+ | 111 |
| 880-34566-19 | SW19 | 139 S1+ | 115 |
| 880-34566-20 | SW20 | 127 | 115 |
| 880-34566-21 | SW21 | 132 S1+ | 118 |

# Surrogate Summary

Client: Hungry Horse LLC Job ID: 880-34566-1
Project/Site: J3 Pit

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) | | | | | | | | |
| 880-34566-22 | SW22 | 137 S1+ | 122 | | | | | | | | |
| 880-34566-23 | SW23 | 120 | 104 | | | | | | | | |
| 880-34566-24 | SW24 | 138 S1+ | 126 | | | | | | | | |
| 880-34566-25 | SW25 | 136 S1+ | 125 | | | | | | | | |
| 880-34566-26 | SW26 | 130 | 116 | | | | | | | | |
| 880-34566-27 | SW27 | 126 | 117 | | | | | | | | |
| 880-34566-28 | SW28 | 139 S1+ | 128 | | | | | | | | |
| 880-34566-29 | SW29 | 118 | 107 | | | | | | | | |
| 880-34566-29 MS | SW29 | 116 | 93 | | | | | | | | |
| 880-34566-29 MSD | SW29 | 119 | 97 | | | | | | | | |
| 880-34566-30 | SW30 | 115 | 104 | | | | | | | | |
| 880-34566-31 | SW31 | 122 | 109 | | | | | | | | |
| 880-34566-32 | SW32 | 115 | 99 | | | | | | | | |
| 880-34566-33 | SW33 | 117 | 98 | | | | | | | | |
| 880-34566-34 | SW34 | 106 | 93 | | | | | | | | |
| 880-34566-35 | SW35 | 115 | 98 | | | | | | | | |
| 880-34566-36 | SW36 | 109 | 95 | | | | | | | | |
| 880-34566-37 | SW37 | 132 S1+ | 115 | | | | | | | | |
| 880-34566-38 | SW38 | 132 S1+ | 109 | | | | | | | | |
| 880-34566-39 | SW39 | 125 | 112 | | | | | | | | |
| 880-34566-40 | SW40 | 130 | 114 | | | | | | | | |
| 880-34566-41 | SW41 | 116 | 105 | | | | | | | | |
| 880-34566-42 | SW42 | 125 | 111 | | | | | | | | |
| 880-34566-43 | SW43 | 120 | 108 | | | | | | | | |
| 880-34566-44 | SW44 | 118 | 105 | | | | | | | | |
| 880-34566-45 | SW45 | 104 | 93 | | | | | | | | |
| 880-34566-46 | SW46 | 115 | 104 | | | | | | | | |
| 880-34566-47 | SW47 | 115 | 102 | | | | | | | | |
| 880-34566-48 | SW48 | 117 | 107 | | | | | | | | |
| 880-34566-49 | SW49 | 115 | 123 | | | | | | | | |
| 880-34566-49 MS | SW49 | 89 | 87 | | | | | | | | |
| 880-34566-49 MSD | SW49 | 88 | 85 | | | | | | | | |
| 880-34566-50 | SW50 | 112 | 123 | | | | | | | | |
| 880-34566-51 | SW51 | 121 | 130 | | | | | | | | |
| 880-34566-52 | SW52 | 110 | 120 | | | | | | | | |
| 880-34566-53 | SW53 | 97 | 104 | | | | | | | | |
| 880-34566-54 | SW54 | 92 | 99 | | | | | | | | |
| 880-34566-55 | SW55 | 110 | 119 | | | | | | | | |
| 880-34566-56 | SW56 | 75 | 77 | | | | | | | | |
| 880-34566-57 | SW57 | 87 | 91 | | | | | | | | |
| 880-34566-58 | SW58 | 92 | 94 | | | | | | | | |
| LCS 880-64959/2-A | Lab Control Sample | 84 | 88 | | | | | | | | |
| LCS 880-64969/2-A | Lab Control Sample | 143 S1+ | 148 S1+ | | | | | | | | |
| LCS 880-64970/2-A | Lab Control Sample | 85 | 93 | | | | | | | | |
| LCS 880-65061/2-A | Lab Control Sample | 83 | 82 | | | | | | | | |
| LCSD 880-64959/3-A | Lab Control Sample Dup | 85 | 88 | | | | | | | | |
| LCSD 880-64969/3-A | Lab Control Sample Dup | 94 | 97 | | | | | | | | |
| LCSD 880-64970/3-A | Lab Control Sample Dup | 98 | 107 | | | | | | | | |
| LCSD 880-65061/3-A | Lab Control Sample Dup | 82 | 83 | | | | | | | | |
| MB 880-64959/1-A | Method Blank | 177 S1+ | 155 S1+ | | | | | | | | |

# Surrogate Summary

Client: Hungry Horse LLC Job ID: 880-34566-1
Project/Site: J3 Pit

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1CO1 | OTPH1 | | | | | | | | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | | | | | | | | |
| MB 880-64969/1-A | Method Blank | 192 S1+ | 180 S1+ | | | | | | | | |
| MB 880-64970/1-A | Method Blank | 164 S1+ | 185 S1+ | | | | | | | | |
| MB 880-65061/1-A | Method Blank | 136 S1+ | 146 S1+ | | | | | | | | |

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

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

**Lab Sample ID: MB 880-64787/5-A**
**Matrix: Solid**
**Analysis Batch: 64934**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64787**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/16/23 10:08 | 10/18/23 11:35 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/16/23 10:08 | 10/18/23 11:35 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/16/23 10:08 | 10/18/23 11:35 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/16/23 10:08 | 10/18/23 11:35 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/16/23 10:08 | 10/18/23 11:35 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/16/23 10:08 | 10/18/23 11:35 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *77* | | *70 - 130* | *10/16/23 10:08* | *10/18/23 11:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *80* | | *70 - 130* | *10/16/23 10:08* | *10/18/23 11:35* | *1* |

**Lab Sample ID: MB 880-64902/5-A**
**Matrix: Solid**
**Analysis Batch: 64936**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64902**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/17/23 14:45 | 10/18/23 17:01 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/17/23 14:45 | 10/18/23 17:01 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/17/23 14:45 | 10/18/23 17:01 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/17/23 14:45 | 10/18/23 17:01 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/17/23 14:45 | 10/18/23 17:01 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/17/23 14:45 | 10/18/23 17:01 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *70 - 130* | *10/17/23 14:45* | *10/18/23 17:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *82* | | *70 - 130* | *10/17/23 14:45* | *10/18/23 17:01* | *1* |

**Lab Sample ID: MB 880-64992/5-A**
**Matrix: Solid**
**Analysis Batch: 64934**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64992**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/18/23 23:26 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/18/23 23:26 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/18/23 23:26 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 14:39 | 10/18/23 23:26 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/18/23 23:26 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 14:39 | 10/18/23 23:26 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *75* | | *70 - 130* | *10/18/23 14:39* | *10/18/23 23:26* | *1* |
| *1,4-Difluorobenzene (Surr)* | *72* | | *70 - 130* | *10/18/23 14:39* | *10/18/23 23:26* | *1* |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

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

**Lab Sample ID: LCS 880-64992/1-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 64934** — **Prep Batch: 64992**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09877 | | mg/Kg | | 99 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1094 | | mg/Kg | | 109 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1280 | | mg/Kg | | 128 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2787 | *+ | mg/Kg | | 139 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1401 | *+ | mg/Kg | | 140 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *140* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *84* | | *70 - 130* |

**Lab Sample ID: LCSD 880-64992/2-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 64934** — **Prep Batch: 64992**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09661 | | mg/Kg | | 97 | 70 - 130 | 2 | 35 |
| Toluene | | | 0.100 | 0.09952 | | mg/Kg | | 100 | 70 - 130 | 9 | 35 |
| Ethylbenzene | | | 0.100 | 0.1159 | | mg/Kg | | 116 | 70 - 130 | 10 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2539 | | mg/Kg | | 127 | 70 - 130 | 9 | 35 |
| o-Xylene | | | 0.100 | 0.1281 | | mg/Kg | | 128 | 70 - 130 | 9 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *139* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *123* | | *70 - 130* |

**Lab Sample ID: 880-34566-1 MS** — **Client Sample ID: SW1**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 64934** — **Prep Batch: 64992**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.0998 | 0.08675 | | mg/Kg | | 87 | 70 - 130 | | |
| Toluene | <0.00199 | U | 0.0998 | 0.07522 | | mg/Kg | | 75 | 70 - 130 | | |
| Ethylbenzene | <0.00199 | U | 0.0998 | 0.08250 | | mg/Kg | | 83 | 70 - 130 | | |
| m,p-Xylenes | <0.00398 | U *+ F2 | 0.200 | 0.1546 | | mg/Kg | | 77 | 70 - 130 | | |
| o-Xylene | <0.00199 | U *+ | 0.0998 | 0.08747 | | mg/Kg | | 88 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* |

**Lab Sample ID: 880-34566-1 MSD** — **Client Sample ID: SW1**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 64934** — **Prep Batch: 64992**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.0990 | 0.1000 | | mg/Kg | | 101 | 70 - 130 | 14 | 35 |
| Toluene | <0.00199 | U | 0.0990 | 0.09059 | | mg/Kg | | 91 | 70 - 130 | 19 | 35 |
| Ethylbenzene | <0.00199 | U | 0.0990 | 0.1099 | | mg/Kg | | 111 | 70 - 130 | 29 | 35 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

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

**Lab Sample ID: 880-34566-1 MSD**
**Matrix: Solid**
**Analysis Batch: 64934**

**Client Sample ID: SW1**
**Prep Type: Total/NA**
**Prep Batch: 64992**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | <0.00398 | U *+ F2 | 0.198 | 0.2217 | F2 | mg/Kg | | 112 | 70 - 130 | 36 | 35 |
| o-Xylene | <0.00199 | U *+ | 0.0990 | 0.1226 | | mg/Kg | | 124 | 70 - 130 | 33 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *139* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* |

**Lab Sample ID: MB 880-64993/5-A**
**Matrix: Solid**
**Analysis Batch: 64936**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64993**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 14:39 | 10/19/23 06:15 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 06:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* | *10/18/23 14:39* | *10/19/23 06:15* | *1* |

**Lab Sample ID: LCS 880-64993/1-A**
**Matrix: Solid**
**Analysis Batch: 64936**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64993**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1041 | | mg/Kg | | 104 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1054 | | mg/Kg | | 105 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.09926 | | mg/Kg | | 99 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.1981 | | mg/Kg | | 99 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1139 | | mg/Kg | | 114 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *142* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* |

**Lab Sample ID: LCSD 880-64993/2-A**
**Matrix: Solid**
**Analysis Batch: 64936**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64993**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09778 | | mg/Kg | | 98 | 70 - 130 | 6 | 35 |
| Toluene | | | 0.100 | 0.09595 | | mg/Kg | | 96 | 70 - 130 | 9 | 35 |
| Ethylbenzene | | | 0.100 | 0.09373 | | mg/Kg | | 94 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | | | 0.200 | 0.1873 | | mg/Kg | | 94 | 70 - 130 | 6 | 35 |
| o-Xylene | | | 0.100 | 0.1035 | | mg/Kg | | 104 | 70 - 130 | 9 | 35 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

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

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 139 | S1+ | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 77 | | 70 - 130 |

**Lab Sample ID: 880-34566-29 MS** — **Client Sample ID: SW29**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 64936** — **Prep Batch: 64993**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U F1 | 0.0998 | 0.03969 | F1 | mg/Kg | | 40 | 70 - 130 |
| Toluene | <0.00198 | U F1 | 0.0998 | 0.04741 | F1 | mg/Kg | | 48 | 70 - 130 |
| Ethylbenzene | <0.00198 | U F1 | 0.0998 | 0.04430 | F1 | mg/Kg | | 44 | 70 - 130 |
| m,p-Xylenes | <0.00396 | U F1 | 0.200 | 0.09533 | F1 | mg/Kg | | 48 | 70 - 130 |
| o-Xylene | <0.00198 | U F1 | 0.0998 | 0.05625 | F1 | mg/Kg | | 56 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 142 | S1+ | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 86 | | 70 - 130 |

**Lab Sample ID: 880-34566-29 MSD** — **Client Sample ID: SW29**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 64936** — **Prep Batch: 64993**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U F1 | 0.100 | 0.05161 | F1 | mg/Kg | | 52 | 70 - 130 | 26 | 35 |
| Toluene | <0.00198 | U F1 | 0.100 | 0.06387 | F1 | mg/Kg | | 64 | 70 - 130 | 30 | 35 |
| Ethylbenzene | <0.00198 | U F1 | 0.100 | 0.05971 | F1 | mg/Kg | | 60 | 70 - 130 | 30 | 35 |
| m,p-Xylenes | <0.00396 | U F1 | 0.200 | 0.1162 | F1 | mg/Kg | | 58 | 70 - 130 | 20 | 35 |
| o-Xylene | <0.00198 | U F1 | 0.100 | 0.07140 | | mg/Kg | | 71 | 70 - 130 | 24 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 147 | S1+ | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 84 | | 70 - 130 |

**Lab Sample ID: MB 880-64995/5-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65272** — **Prep Batch: 64995**

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/18/23 14:55 | 10/22/23 06:31 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 10/18/23 14:55 | 10/22/23 06:31 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/18/23 14:55 | 10/22/23 06:31 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | mg/Kg | | 10/18/23 14:55 | 10/22/23 06:31 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 10/18/23 14:55 | 10/22/23 06:31 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | mg/Kg | | 10/18/23 14:55 | 10/22/23 06:31 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 107 | | 70 - 130 | 10/18/23 14:55 | 10/22/23 06:31 | 1 |
| 1,4-Difluorobenzene (Surr) | 87 | | 70 - 130 | 10/18/23 14:55 | 10/22/23 06:31 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

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

**Lab Sample ID: LCS 880-64995/1-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65272** — **Prep Batch: 64995**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.08796 | | mg/Kg | | 88 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.09472 | | mg/Kg | | 95 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.09368 | | mg/Kg | | 94 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.1856 | | mg/Kg | | 93 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1015 | | mg/Kg | | 101 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *151* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *70* | | *70 - 130* |

**Lab Sample ID: LCSD 880-64995/2-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65272** — **Prep Batch: 64995**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09930 | | mg/Kg | | 99 | 70 - 130 | 12 | 35 |
| Toluene | | | 0.100 | 0.1027 | | mg/Kg | | 103 | 70 - 130 | 8 | 35 |
| Ethylbenzene | | | 0.100 | 0.09376 | | mg/Kg | | 94 | 70 - 130 | 0 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2027 | | mg/Kg | | 101 | 70 - 130 | 9 | 35 |
| o-Xylene | | | 0.100 | 0.1070 | | mg/Kg | | 107 | 70 - 130 | 5 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *158* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *79* | | *70 - 130* |

**Lab Sample ID: 880-34566-41 MS** — **Client Sample ID: SW41**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65272** — **Prep Batch: 64995**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.0998 | 0.1024 | | mg/Kg | | 102 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.0998 | 0.1030 | | mg/Kg | | 103 | 70 - 130 | | |
| Ethylbenzene | <0.00200 | U | 0.0998 | 0.1004 | | mg/Kg | | 101 | 70 - 130 | | |
| m,p-Xylenes | <0.00400 | U | 0.200 | 0.1890 | | mg/Kg | | 95 | 70 - 130 | | |
| o-Xylene | <0.00200 | U | 0.0998 | 0.1054 | | mg/Kg | | 106 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *193* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* |

**Lab Sample ID: 880-34566-41 MSD** — **Client Sample ID: SW41**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65272** — **Prep Batch: 64995**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.0996 | 0.07188 | | mg/Kg | | 72 | 70 - 130 | 35 | 35 |
| Toluene | <0.00200 | U | 0.0996 | 0.08787 | | mg/Kg | | 88 | 70 - 130 | 16 | 35 |
| Ethylbenzene | <0.00200 | U | 0.0996 | 0.07988 | | mg/Kg | | 80 | 70 - 130 | 23 | 35 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

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

**Lab Sample ID: 880-34566-41 MSD**
**Matrix: Solid**
**Analysis Batch: 65272**

**Client Sample ID: SW41**
**Prep Type: Total/NA**
**Prep Batch: 64995**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | <0.00400 | U | 0.199 | 0.1515 | | mg/Kg | | 76 | 70 - 130 | 22 | 35 |
| o-Xylene | <0.00200 | U | 0.0996 | 0.08542 | | mg/Kg | | 86 | 70 - 130 | 21 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *149* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *80* | | *70 - 130* |

**Lab Sample ID: MB 880-64997/5-A**
**Matrix: Solid**
**Analysis Batch: 65272**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64997**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:13 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:13 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:13 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:13 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:13 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:13 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 17:13* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 17:13* | *1* |

**Lab Sample ID: MB 880-65120/5-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *115* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 11:34* | *1* |
| *1,4-Difluorobenzene (Surr)* | *144* | *S1+* | *70 - 130* | *10/19/23 17:44* | *10/24/23 11:34* | *1* |

**Lab Sample ID: LCS 880-65120/1-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1142 | | mg/Kg | | 114 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.09553 | | mg/Kg | | 96 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.09538 | | mg/Kg | | 95 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2179 | | mg/Kg | | 109 | 70 - 130 | | |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

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

**Lab Sample ID: LCS 880-65120/1-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | | | 0.100 | 0.1048 | | mg/Kg | | 105 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *115* | | *70 - 130* |

**Lab Sample ID: LCSD 880-65120/2-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1077 | | mg/Kg | | 108 | 70 - 130 | 6 | 35 |
| Toluene | | | 0.100 | 0.09106 | | mg/Kg | | 91 | 70 - 130 | 5 | 35 |
| Ethylbenzene | | | 0.100 | 0.1016 | | mg/Kg | | 102 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2286 | | mg/Kg | | 114 | 70 - 130 | 5 | 35 |
| o-Xylene | | | 0.100 | 0.1088 | | mg/Kg | | 109 | 70 - 130 | 4 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *111* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* |

**Lab Sample ID: MB 880-65275/5-A**
**Matrix: Solid**
**Analysis Batch: 65322**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65275**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/21/23 15:12 | 10/23/23 12:11 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/21/23 15:12 | 10/23/23 12:11 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/21/23 15:12 | 10/23/23 12:11 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/21/23 15:12 | 10/23/23 12:11 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/21/23 15:12 | 10/23/23 12:11 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/21/23 15:12 | 10/23/23 12:11 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* | *10/21/23 15:12* | *10/23/23 12:11* | *1* |
| *1,4-Difluorobenzene (Surr)* | *132* | *S1+* | *70 - 130* | *10/21/23 15:12* | *10/23/23 12:11* | *1* |

**Lab Sample ID: LCS 880-65275/1-A**
**Matrix: Solid**
**Analysis Batch: 65322**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65275**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.08759 | | mg/Kg | | 88 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.07851 | | mg/Kg | | 79 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.08016 | | mg/Kg | | 80 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.1842 | | mg/Kg | | 92 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.08963 | | mg/Kg | | 90 | 70 - 130 | | |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

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

**Lab Sample ID: LCS 880-65275/1-A**
**Matrix: Solid**
**Analysis Batch: 65322**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65275**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 100 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 |

**Lab Sample ID: LCSD 880-65275/2-A**
**Matrix: Solid**
**Analysis Batch: 65322**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65275**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09701 | | mg/Kg | | 97 | 70 - 130 | 10 | 35 |
| Toluene | | | 0.100 | 0.08247 | | mg/Kg | | 82 | 70 - 130 | 5 | 35 |
| Ethylbenzene | | | 0.100 | 0.08707 | | mg/Kg | | 87 | 70 - 130 | 8 | 35 |
| m,p-Xylenes | | | 0.200 | 0.1945 | | mg/Kg | | 97 | 70 - 130 | 5 | 35 |
| o-Xylene | | | 0.100 | 0.09524 | | mg/Kg | | 95 | 70 - 130 | 6 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 106 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 |

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

**Lab Sample ID: MB 880-64959/1-A**
**Matrix: Solid**
**Analysis Batch: 65130**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64959**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 08:11 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 08:11 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:47 | 10/20/23 08:11 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 177 | S1+ | 70 - 130 | 10/18/23 11:47 | 10/20/23 08:11 | 1 |
| o-Terphenyl (Surr) | 155 | S1+ | 70 - 130 | 10/18/23 11:47 | 10/20/23 08:11 | 1 |

**Lab Sample ID: LCS 880-64959/2-A**
**Matrix: Solid**
**Analysis Batch: 65130**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64959**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 845.4 | | mg/Kg | | 85 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 852.4 | | mg/Kg | | 85 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 84 | | 70 - 130 |
| o-Terphenyl (Surr) | 88 | | 70 - 130 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

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

**Lab Sample ID: LCSD 880-64959/3-A**
**Matrix: Solid**
**Analysis Batch: 65130**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64959**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 970.8 | | mg/Kg | | 97 | 70 - 130 | 14 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 977.1 | | mg/Kg | | 98 | 70 - 130 | 14 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *85* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *88* | | *70 - 130* |

**Lab Sample ID: 880-34566-1 MS**
**Matrix: Solid**
**Analysis Batch: 65130**

**Client Sample ID: SW1**
**Prep Type: Total/NA**
**Prep Batch: 64959**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 992 | 1231 | | mg/Kg | | 124 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 992 | 1150 | | mg/Kg | | 114 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *135* | *S1+* | *70 - 130* |
| *o-Terphenyl (Surr)* | *113* | | *70 - 130* |

**Lab Sample ID: 880-34566-1 MSD**
**Matrix: Solid**
**Analysis Batch: 65130**

**Client Sample ID: SW1**
**Prep Type: Total/NA**
**Prep Batch: 64959**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 992 | 1243 | | mg/Kg | | 125 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 992 | 1171 | | mg/Kg | | 116 | 70 - 130 | 2 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *136* | *S1+* | *70 - 130* |
| *o-Terphenyl (Surr)* | *114* | | *70 - 130* |

**Lab Sample ID: MB 880-64969/1-A**
**Matrix: Solid**
**Analysis Batch: 65130**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64969**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:03 | 10/20/23 19:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:03 | 10/20/23 19:30 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:03 | 10/20/23 19:30 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

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

**Lab Sample ID: MB 880-64969/1-A**
**Matrix: Solid**
**Analysis Batch: 65130**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64969**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 192 | S1+ | 70 - 130 | 10/18/23 12:03 | 10/20/23 19:30 | 1 |
| o-Terphenyl (Surr) | 180 | S1+ | 70 - 130 | 10/18/23 12:03 | 10/20/23 19:30 | 1 |

**Lab Sample ID: LCS 880-64969/2-A**
**Matrix: Solid**
**Analysis Batch: 65130**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64969**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1077 | | mg/Kg | | 108 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1203 | | mg/Kg | | 120 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 143 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 148 | S1+ | 70 - 130 |

**Lab Sample ID: LCSD 880-64969/3-A**
**Matrix: Solid**
**Analysis Batch: 65130**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64969**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 976.4 | | mg/Kg | | 98 | 70 - 130 | 10 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 999.6 | | mg/Kg | | 100 | 70 - 130 | 18 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 94 | | 70 - 130 |
| o-Terphenyl (Surr) | 97 | | 70 - 130 |

**Lab Sample ID: 880-34566-29 MS**
**Matrix: Solid**
**Analysis Batch: 65130**

**Client Sample ID: SW29**
**Prep Type: Total/NA**
**Prep Batch: 64969**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 1010 | 1240 | | mg/Kg | | 122 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 1010 | 1161 | | mg/Kg | | 115 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 116 | | 70 - 130 |
| o-Terphenyl (Surr) | 93 | | 70 - 130 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

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

**Lab Sample ID: 880-34566-29 MSD**
**Matrix: Solid**
**Analysis Batch: 65130**

**Client Sample ID: SW29**
**Prep Type: Total/NA**
**Prep Batch: 64969**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 1010 | 1277 | | mg/Kg | | 125 | 70 - 130 | 3 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 1010 | 1227 | | mg/Kg | | 122 | 70 - 130 | 6 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *119* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* |

**Lab Sample ID: MB 880-64970/1-A**
**Matrix: Solid**
**Analysis Batch: 65264**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64970**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 19:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 19:29 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:07 | 10/21/23 19:29 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *164* | *S1+* | *70 - 130* | *10/18/23 12:07* | *10/21/23 19:29* | *1* |
| *o-Terphenyl (Surr)* | *185* | *S1+* | *70 - 130* | *10/18/23 12:07* | *10/21/23 19:29* | *1* |

**Lab Sample ID: LCS 880-64970/2-A**
**Matrix: Solid**
**Analysis Batch: 65264**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64970**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 869.8 | | mg/Kg | | 87 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 894.4 | | mg/Kg | | 89 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *85* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *93* | | *70 - 130* |

**Lab Sample ID: LCSD 880-64970/3-A**
**Matrix: Solid**
**Analysis Batch: 65264**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64970**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 942.2 | | mg/Kg | | 94 | 70 - 130 | 8 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 981.9 | | mg/Kg | | 98 | 70 - 130 | 9 | 20 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

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

**Lab Sample ID: LCSD 880-64970/3-A**
**Matrix: Solid**
**Analysis Batch: 65264**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64970**

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 98 | | 70 - 130 |
| o-Terphenyl (Surr) | 107 | | 70 - 130 |

**Lab Sample ID: 880-34566-49 MS**
**Matrix: Solid**
**Analysis Batch: 65264**

**Client Sample ID: SW49**
**Prep Type: Total/NA**
**Prep Batch: 64970**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 1010 | 1105 | | mg/Kg | | 107 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 1010 | 867.8 | | mg/Kg | | 83 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 89 | | 70 - 130 |
| o-Terphenyl (Surr) | 87 | | 70 - 130 |

**Lab Sample ID: 880-34566-49 MSD**
**Matrix: Solid**
**Analysis Batch: 65264**

**Client Sample ID: SW49**
**Prep Type: Total/NA**
**Prep Batch: 64970**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 1010 | 1116 | | mg/Kg | | 109 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 1010 | 853.3 | | mg/Kg | | 82 | 70 - 130 | 2 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 88 | | 70 - 130 |
| o-Terphenyl (Surr) | 85 | | 70 - 130 |

**Lab Sample ID: MB 880-65061/1-A**
**Matrix: Solid**
**Analysis Batch: 65020**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65061**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 19:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 19:30 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 19:30 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 136 | S1+ | 70 - 130 | 10/19/23 14:03 | 10/19/23 19:30 | 1 |
| o-Terphenyl (Surr) | 146 | S1+ | 70 - 130 | 10/19/23 14:03 | 10/19/23 19:30 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

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

**Lab Sample ID: LCS 880-65061/2-A**
**Matrix: Solid**
**Analysis Batch: 65020**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65061**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 927.9 | | mg/Kg | | 93 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 956.5 | | mg/Kg | | 96 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *83* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *82* | | *70 - 130* |

**Lab Sample ID: LCSD 880-65061/3-A**
**Matrix: Solid**
**Analysis Batch: 65020**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65061**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 861.5 | | mg/Kg | | 86 | 70 - 130 | 7 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 851.2 | | mg/Kg | | 85 | 70 - 130 | 12 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *82* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *83* | | *70 - 130* |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-64947/1-A**
**Matrix: Solid**
**Analysis Batch: 65010**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/20/23 12:10 | 1 |

**Lab Sample ID: LCS 880-64947/2-A**
**Matrix: Solid**
**Analysis Batch: 65010**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 244.4 | | mg/Kg | | 98 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-64947/3-A**
**Matrix: Solid**
**Analysis Batch: 65010**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 244.5 | | mg/Kg | | 98 | 90 - 110 | 0 | 20 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: 880-34566-56 MS** — **Client Sample ID: SW56**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65010**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 106 | | 249 | 337.4 | | mg/Kg | | 93 | 90 - 110 |

**Lab Sample ID: 880-34566-56 MSD** — **Client Sample ID: SW56**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65010**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 106 | | 249 | 335.8 | | mg/Kg | | 92 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-64943/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65166**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/20/23 22:38 | 1 |

**Lab Sample ID: LCS 880-64943/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65166**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 249.8 | | mg/Kg | | 100 | 90 - 110 |

**Lab Sample ID: LCSD 880-64943/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65166**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 250.6 | | mg/Kg | | 100 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34566-16 MS** — **Client Sample ID: SW16**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65166**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 39.2 | | 252 | 294.3 | | mg/Kg | | 101 | 90 - 110 |

**Lab Sample ID: 880-34566-16 MSD** — **Client Sample ID: SW16**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65166**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 39.2 | | 252 | 292.1 | | mg/Kg | | 100 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 880-34566-26 MS** — **Client Sample ID: SW26**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65166**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 70.5 | | 250 | 323.0 | | mg/Kg | | 101 | 90 - 110 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: 880-34566-26 MSD** — **Client Sample ID: SW26**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65166**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 70.5 | | 250 | 323.0 | | mg/Kg | | 101 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-64946/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65167**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/20/23 16:24 | 1 |

**Lab Sample ID: LCS 880-64946/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65167**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 230.7 | | mg/Kg | | 92 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-64946/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65167**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 230.9 | | mg/Kg | | 92 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34566-36 MS** — **Client Sample ID: SW36**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65167**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 111 | F1 | 250 | 306.9 | F1 | mg/Kg | | 79 | 90 - 110 | | |

**Lab Sample ID: 880-34566-36 MSD** — **Client Sample ID: SW36**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65167**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 111 | F1 | 250 | 307.8 | F1 | mg/Kg | | 79 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34566-46 MS** — **Client Sample ID: SW46**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65167**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 150 | F1 | 250 | 439.3 | F1 | mg/Kg | | 116 | 90 - 110 | | |

**Lab Sample ID: 880-34566-46 MSD** — **Client Sample ID: SW46**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65167**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 150 | F1 | 250 | 437.7 | F1 | mg/Kg | | 115 | 90 - 110 | 0 | 20 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-64968/1-A**
**Matrix: Solid**
**Analysis Batch: 65257**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/20/23 23:53 | 1 |

**Lab Sample ID: LCS 880-64968/2-A**
**Matrix: Solid**
**Analysis Batch: 65257**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 233.5 | | mg/Kg | | 93 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-64968/3-A**
**Matrix: Solid**
**Analysis Batch: 65257**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 234.5 | | mg/Kg | | 94 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34566-6 MS**
**Matrix: Solid**
**Analysis Batch: 65257**

**Client Sample ID: SW6**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 103 | | 251 | 337.6 | | mg/Kg | | 94 | 90 - 110 | | |

**Lab Sample ID: 880-34566-6 MSD**
**Matrix: Solid**
**Analysis Batch: 65257**

**Client Sample ID: SW6**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 103 | | 251 | 338.2 | | mg/Kg | | 94 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## GC VOA

### Prep Batch: 64787

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-64787/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Prep Batch: 64902

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-64902/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Analysis Batch: 64934

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-1 | SW1 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-2 | SW2 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-3 | SW3 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-4 | SW4 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-5 | SW5 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-6 | SW6 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-15 | SW15 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-16 | SW16 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-17 | SW17 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-18 | SW18 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-19 | SW19 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-20 | SW20 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-21 | SW21 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-22 | SW22 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-23 | SW23 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-24 | SW24 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-25 | SW25 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-26 | SW26 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-27 | SW27 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-28 | SW28 | Total/NA | Solid | 8021B | 64992 |
| MB 880-64787/5-A | Method Blank | Total/NA | Solid | 8021B | 64787 |
| MB 880-64992/5-A | Method Blank | Total/NA | Solid | 8021B | 64992 |
| LCS 880-64992/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 64992 |
| LCSD 880-64992/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 64992 |
| 880-34566-1 MS | SW1 | Total/NA | Solid | 8021B | 64992 |
| 880-34566-1 MSD | SW1 | Total/NA | Solid | 8021B | 64992 |

### Analysis Batch: 64936

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-29 | SW29 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-30 | SW30 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-31 | SW31 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-32 | SW32 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-33 | SW33 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-34 | SW34 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-35 | SW35 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-36 | SW36 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-37 | SW37 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-38 | SW38 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-39 | SW39 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-40 | SW40 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-41 | SW41 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-42 | SW42 | Total/NA | Solid | 8021B | 64993 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## GC VOA (Continued)

### Analysis Batch: 64936 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-43 | SW43 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-44 | SW44 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-45 | SW45 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-46 | SW46 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-47 | SW47 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-48 | SW48 | Total/NA | Solid | 8021B | 64993 |
| MB 880-64902/5-A | Method Blank | Total/NA | Solid | 8021B | 64902 |
| MB 880-64993/5-A | Method Blank | Total/NA | Solid | 8021B | 64993 |
| LCS 880-64993/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 64993 |
| LCSD 880-64993/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 64993 |
| 880-34566-29 MS | SW29 | Total/NA | Solid | 8021B | 64993 |
| 880-34566-29 MSD | SW29 | Total/NA | Solid | 8021B | 64993 |

### Prep Batch: 64992

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-1 | SW1 | Total/NA | Solid | 5035 | |
| 880-34566-2 | SW2 | Total/NA | Solid | 5035 | |
| 880-34566-3 | SW3 | Total/NA | Solid | 5035 | |
| 880-34566-4 | SW4 | Total/NA | Solid | 5035 | |
| 880-34566-5 | SW5 | Total/NA | Solid | 5035 | |
| 880-34566-6 | SW6 | Total/NA | Solid | 5035 | |
| 880-34566-15 | SW15 | Total/NA | Solid | 5035 | |
| 880-34566-16 | SW16 | Total/NA | Solid | 5035 | |
| 880-34566-17 | SW17 | Total/NA | Solid | 5035 | |
| 880-34566-18 | SW18 | Total/NA | Solid | 5035 | |
| 880-34566-19 | SW19 | Total/NA | Solid | 5035 | |
| 880-34566-20 | SW20 | Total/NA | Solid | 5035 | |
| 880-34566-21 | SW21 | Total/NA | Solid | 5035 | |
| 880-34566-22 | SW22 | Total/NA | Solid | 5035 | |
| 880-34566-23 | SW23 | Total/NA | Solid | 5035 | |
| 880-34566-24 | SW24 | Total/NA | Solid | 5035 | |
| 880-34566-25 | SW25 | Total/NA | Solid | 5035 | |
| 880-34566-26 | SW26 | Total/NA | Solid | 5035 | |
| 880-34566-27 | SW27 | Total/NA | Solid | 5035 | |
| 880-34566-28 | SW28 | Total/NA | Solid | 5035 | |
| MB 880-64992/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-64992/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-64992/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-34566-1 MS | SW1 | Total/NA | Solid | 5035 | |
| 880-34566-1 MSD | SW1 | Total/NA | Solid | 5035 | |

### Prep Batch: 64993

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-29 | SW29 | Total/NA | Solid | 5035 | |
| 880-34566-30 | SW30 | Total/NA | Solid | 5035 | |
| 880-34566-31 | SW31 | Total/NA | Solid | 5035 | |
| 880-34566-32 | SW32 | Total/NA | Solid | 5035 | |
| 880-34566-33 | SW33 | Total/NA | Solid | 5035 | |
| 880-34566-34 | SW34 | Total/NA | Solid | 5035 | |
| 880-34566-35 | SW35 | Total/NA | Solid | 5035 | |
| 880-34566-36 | SW36 | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## GC VOA (Continued)

### Prep Batch: 64993 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-37 | SW37 | Total/NA | Solid | 5035 | |
| 880-34566-38 | SW38 | Total/NA | Solid | 5035 | |
| 880-34566-39 | SW39 | Total/NA | Solid | 5035 | |
| 880-34566-40 | SW40 | Total/NA | Solid | 5035 | |
| 880-34566-41 | SW41 | Total/NA | Solid | 5035 | |
| 880-34566-42 | SW42 | Total/NA | Solid | 5035 | |
| 880-34566-43 | SW43 | Total/NA | Solid | 5035 | |
| 880-34566-44 | SW44 | Total/NA | Solid | 5035 | |
| 880-34566-45 | SW45 | Total/NA | Solid | 5035 | |
| 880-34566-46 | SW46 | Total/NA | Solid | 5035 | |
| 880-34566-47 | SW47 | Total/NA | Solid | 5035 | |
| 880-34566-48 | SW48 | Total/NA | Solid | 5035 | |
| MB 880-64993/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-64993/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-64993/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-34566-29 MS | SW29 | Total/NA | Solid | 5035 | |
| 880-34566-29 MSD | SW29 | Total/NA | Solid | 5035 | |

### Prep Batch: 64995

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-49 | SW49 | Total/NA | Solid | 5035 | |
| 880-34566-50 | SW50 | Total/NA | Solid | 5035 | |
| 880-34566-51 | SW51 | Total/NA | Solid | 5035 | |
| 880-34566-53 | SW53 | Total/NA | Solid | 5035 | |
| 880-34566-54 | SW54 | Total/NA | Solid | 5035 | |
| 880-34566-55 | SW55 | Total/NA | Solid | 5035 | |
| 880-34566-56 | SW56 | Total/NA | Solid | 5035 | |
| 880-34566-57 | SW57 | Total/NA | Solid | 5035 | |
| 880-34566-58 | SW58 | Total/NA | Solid | 5035 | |
| MB 880-64995/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-64995/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-64995/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-34566-41 MS | SW41 | Total/NA | Solid | 5035 | |
| 880-34566-41 MSD | SW41 | Total/NA | Solid | 5035 | |

### Prep Batch: 64997

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-64997/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Analysis Batch: 65087

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-1 | SW1 | Total/NA | Solid | Total BTEX | |
| 880-34566-2 | SW2 | Total/NA | Solid | Total BTEX | |
| 880-34566-3 | SW3 | Total/NA | Solid | Total BTEX | |
| 880-34566-4 | SW4 | Total/NA | Solid | Total BTEX | |
| 880-34566-5 | SW5 | Total/NA | Solid | Total BTEX | |
| 880-34566-6 | SW6 | Total/NA | Solid | Total BTEX | |
| 880-34566-15 | SW15 | Total/NA | Solid | Total BTEX | |
| 880-34566-16 | SW16 | Total/NA | Solid | Total BTEX | |
| 880-34566-17 | SW17 | Total/NA | Solid | Total BTEX | |
| 880-34566-18 | SW18 | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## GC VOA (Continued)

### Analysis Batch: 65087 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-19 | SW19 | Total/NA | Solid | Total BTEX | |
| 880-34566-20 | SW20 | Total/NA | Solid | Total BTEX | |
| 880-34566-21 | SW21 | Total/NA | Solid | Total BTEX | |
| 880-34566-22 | SW22 | Total/NA | Solid | Total BTEX | |
| 880-34566-23 | SW23 | Total/NA | Solid | Total BTEX | |
| 880-34566-24 | SW24 | Total/NA | Solid | Total BTEX | |
| 880-34566-25 | SW25 | Total/NA | Solid | Total BTEX | |
| 880-34566-26 | SW26 | Total/NA | Solid | Total BTEX | |
| 880-34566-27 | SW27 | Total/NA | Solid | Total BTEX | |
| 880-34566-28 | SW28 | Total/NA | Solid | Total BTEX | |
| 880-34566-29 | SW29 | Total/NA | Solid | Total BTEX | |
| 880-34566-30 | SW30 | Total/NA | Solid | Total BTEX | |
| 880-34566-31 | SW31 | Total/NA | Solid | Total BTEX | |
| 880-34566-32 | SW32 | Total/NA | Solid | Total BTEX | |
| 880-34566-33 | SW33 | Total/NA | Solid | Total BTEX | |
| 880-34566-34 | SW34 | Total/NA | Solid | Total BTEX | |
| 880-34566-35 | SW35 | Total/NA | Solid | Total BTEX | |
| 880-34566-36 | SW36 | Total/NA | Solid | Total BTEX | |
| 880-34566-37 | SW37 | Total/NA | Solid | Total BTEX | |
| 880-34566-38 | SW38 | Total/NA | Solid | Total BTEX | |
| 880-34566-39 | SW39 | Total/NA | Solid | Total BTEX | |
| 880-34566-40 | SW40 | Total/NA | Solid | Total BTEX | |
| 880-34566-41 | SW41 | Total/NA | Solid | Total BTEX | |
| 880-34566-42 | SW42 | Total/NA | Solid | Total BTEX | |
| 880-34566-43 | SW43 | Total/NA | Solid | Total BTEX | |
| 880-34566-44 | SW44 | Total/NA | Solid | Total BTEX | |
| 880-34566-45 | SW45 | Total/NA | Solid | Total BTEX | |
| 880-34566-46 | SW46 | Total/NA | Solid | Total BTEX | |
| 880-34566-47 | SW47 | Total/NA | Solid | Total BTEX | |
| 880-34566-48 | SW48 | Total/NA | Solid | Total BTEX | |
| 880-34566-49 | SW49 | Total/NA | Solid | Total BTEX | |
| 880-34566-50 | SW50 | Total/NA | Solid | Total BTEX | |
| 880-34566-51 | SW51 | Total/NA | Solid | Total BTEX | |
| 880-34566-52 | SW52 | Total/NA | Solid | Total BTEX | |
| 880-34566-53 | SW53 | Total/NA | Solid | Total BTEX | |
| 880-34566-54 | SW54 | Total/NA | Solid | Total BTEX | |
| 880-34566-55 | SW55 | Total/NA | Solid | Total BTEX | |
| 880-34566-56 | SW56 | Total/NA | Solid | Total BTEX | |
| 880-34566-57 | SW57 | Total/NA | Solid | Total BTEX | |
| 880-34566-58 | SW58 | Total/NA | Solid | Total BTEX | |

### Prep Batch: 65120

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-52 | SW52 | Total/NA | Solid | 5035 | |
| MB 880-65120/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65120/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-65120/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

### Analysis Batch: 65272

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-49 | SW49 | Total/NA | Solid | 8021B | 64995 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## GC VOA (Continued)

### Analysis Batch: 65272 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-50 | SW50 | Total/NA | Solid | 8021B | 64995 |
| 880-34566-51 | SW51 | Total/NA | Solid | 8021B | 64995 |
| 880-34566-53 | SW53 | Total/NA | Solid | 8021B | 64995 |
| 880-34566-54 | SW54 | Total/NA | Solid | 8021B | 64995 |
| 880-34566-55 | SW55 | Total/NA | Solid | 8021B | 64995 |
| 880-34566-56 | SW56 | Total/NA | Solid | 8021B | 64995 |
| 880-34566-57 | SW57 | Total/NA | Solid | 8021B | 64995 |
| 880-34566-58 | SW58 | Total/NA | Solid | 8021B | 64995 |
| MB 880-64995/5-A | Method Blank | Total/NA | Solid | 8021B | 64995 |
| MB 880-64997/5-A | Method Blank | Total/NA | Solid | 8021B | 64997 |
| LCS 880-64995/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 64995 |
| LCSD 880-64995/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 64995 |
| 880-34566-41 MS | SW41 | Total/NA | Solid | 8021B | 64995 |
| 880-34566-41 MSD | SW41 | Total/NA | Solid | 8021B | 64995 |

### Prep Batch: 65275

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-65275/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65275/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-65275/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

### Analysis Batch: 65322

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-65275/5-A | Method Blank | Total/NA | Solid | 8021B | 65275 |
| LCS 880-65275/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65275 |
| LCSD 880-65275/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65275 |

### Analysis Batch: 65444

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-52 | SW52 | Total/NA | Solid | 8021B | 65120 |
| MB 880-65120/5-A | Method Blank | Total/NA | Solid | 8021B | 65120 |
| LCS 880-65120/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65120 |
| LCSD 880-65120/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65120 |

## GC Semi VOA

### Prep Batch: 64959

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-1 | SW1 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-2 | SW2 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-3 | SW3 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-4 | SW4 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-5 | SW5 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-6 | SW6 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-15 | SW15 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-16 | SW16 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-17 | SW17 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-18 | SW18 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-19 | SW19 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-20 | SW20 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-21 | SW21 | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## GC Semi VOA (Continued)

### Prep Batch: 64959 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-22 | SW22 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-23 | SW23 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-24 | SW24 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-25 | SW25 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-26 | SW26 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-27 | SW27 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-28 | SW28 | Total/NA | Solid | 8015NM Prep | |
| MB 880-64959/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-64959/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-64959/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-34566-1 MS | SW1 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-1 MSD | SW1 | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 64969

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-29 | SW29 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-30 | SW30 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-31 | SW31 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-32 | SW32 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-33 | SW33 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-34 | SW34 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-35 | SW35 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-36 | SW36 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-37 | SW37 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-38 | SW38 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-39 | SW39 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-40 | SW40 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-41 | SW41 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-42 | SW42 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-43 | SW43 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-44 | SW44 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-45 | SW45 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-46 | SW46 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-47 | SW47 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-48 | SW48 | Total/NA | Solid | 8015NM Prep | |
| MB 880-64969/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-64969/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-64969/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-34566-29 MS | SW29 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-29 MSD | SW29 | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 64970

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-49 | SW49 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-50 | SW50 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-51 | SW51 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-52 | SW52 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-53 | SW53 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-54 | SW54 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-55 | SW55 | Total/NA | Solid | 8015NM Prep | |
| MB 880-64970/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## GC Semi VOA (Continued)

### Prep Batch: 64970 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LCS 880-64970/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-64970/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-34566-49 MS | SW49 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-49 MSD | SW49 | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 65020

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-56 | SW56 | Total/NA | Solid | 8015B NM | 65061 |
| 880-34566-57 | SW57 | Total/NA | Solid | 8015B NM | 65061 |
| 880-34566-58 | SW58 | Total/NA | Solid | 8015B NM | 65061 |
| MB 880-65061/1-A | Method Blank | Total/NA | Solid | 8015B NM | 65061 |
| LCS 880-65061/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 65061 |
| LCSD 880-65061/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 65061 |

### Prep Batch: 65061

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-56 | SW56 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-57 | SW57 | Total/NA | Solid | 8015NM Prep | |
| 880-34566-58 | SW58 | Total/NA | Solid | 8015NM Prep | |
| MB 880-65061/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-65061/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-65061/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 65130

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-1 | SW1 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-2 | SW2 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-3 | SW3 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-4 | SW4 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-5 | SW5 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-6 | SW6 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-15 | SW15 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-16 | SW16 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-17 | SW17 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-18 | SW18 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-19 | SW19 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-20 | SW20 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-21 | SW21 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-22 | SW22 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-23 | SW23 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-24 | SW24 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-25 | SW25 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-26 | SW26 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-27 | SW27 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-28 | SW28 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-29 | SW29 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-30 | SW30 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-31 | SW31 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-32 | SW32 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-33 | SW33 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-34 | SW34 | Total/NA | Solid | 8015B NM | 64969 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## GC Semi VOA (Continued)

### Analysis Batch: 65130 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-35 | SW35 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-36 | SW36 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-37 | SW37 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-38 | SW38 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-39 | SW39 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-40 | SW40 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-41 | SW41 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-42 | SW42 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-43 | SW43 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-44 | SW44 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-45 | SW45 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-46 | SW46 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-47 | SW47 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-48 | SW48 | Total/NA | Solid | 8015B NM | 64969 |
| MB 880-64959/1-A | Method Blank | Total/NA | Solid | 8015B NM | 64959 |
| MB 880-64969/1-A | Method Blank | Total/NA | Solid | 8015B NM | 64969 |
| LCS 880-64959/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 64959 |
| LCS 880-64969/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 64969 |
| LCSD 880-64959/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 64959 |
| LCSD 880-64969/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-1 MS | SW1 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-1 MSD | SW1 | Total/NA | Solid | 8015B NM | 64959 |
| 880-34566-29 MS | SW29 | Total/NA | Solid | 8015B NM | 64969 |
| 880-34566-29 MSD | SW29 | Total/NA | Solid | 8015B NM | 64969 |

### Analysis Batch: 65144

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-1 | SW1 | Total/NA | Solid | 8015 NM | |
| 880-34566-2 | SW2 | Total/NA | Solid | 8015 NM | |
| 880-34566-3 | SW3 | Total/NA | Solid | 8015 NM | |
| 880-34566-4 | SW4 | Total/NA | Solid | 8015 NM | |
| 880-34566-5 | SW5 | Total/NA | Solid | 8015 NM | |
| 880-34566-6 | SW6 | Total/NA | Solid | 8015 NM | |
| 880-34566-15 | SW15 | Total/NA | Solid | 8015 NM | |
| 880-34566-16 | SW16 | Total/NA | Solid | 8015 NM | |
| 880-34566-17 | SW17 | Total/NA | Solid | 8015 NM | |
| 880-34566-18 | SW18 | Total/NA | Solid | 8015 NM | |
| 880-34566-19 | SW19 | Total/NA | Solid | 8015 NM | |
| 880-34566-20 | SW20 | Total/NA | Solid | 8015 NM | |
| 880-34566-21 | SW21 | Total/NA | Solid | 8015 NM | |
| 880-34566-22 | SW22 | Total/NA | Solid | 8015 NM | |
| 880-34566-23 | SW23 | Total/NA | Solid | 8015 NM | |
| 880-34566-24 | SW24 | Total/NA | Solid | 8015 NM | |
| 880-34566-25 | SW25 | Total/NA | Solid | 8015 NM | |
| 880-34566-26 | SW26 | Total/NA | Solid | 8015 NM | |
| 880-34566-27 | SW27 | Total/NA | Solid | 8015 NM | |
| 880-34566-28 | SW28 | Total/NA | Solid | 8015 NM | |
| 880-34566-29 | SW29 | Total/NA | Solid | 8015 NM | |
| 880-34566-30 | SW30 | Total/NA | Solid | 8015 NM | |
| 880-34566-31 | SW31 | Total/NA | Solid | 8015 NM | |
| 880-34566-32 | SW32 | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## GC Semi VOA (Continued)

### Analysis Batch: 65144 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-33 | SW33 | Total/NA | Solid | 8015 NM | |
| 880-34566-34 | SW34 | Total/NA | Solid | 8015 NM | |
| 880-34566-35 | SW35 | Total/NA | Solid | 8015 NM | |
| 880-34566-36 | SW36 | Total/NA | Solid | 8015 NM | |
| 880-34566-37 | SW37 | Total/NA | Solid | 8015 NM | |
| 880-34566-38 | SW38 | Total/NA | Solid | 8015 NM | |
| 880-34566-39 | SW39 | Total/NA | Solid | 8015 NM | |
| 880-34566-40 | SW40 | Total/NA | Solid | 8015 NM | |
| 880-34566-41 | SW41 | Total/NA | Solid | 8015 NM | |
| 880-34566-42 | SW42 | Total/NA | Solid | 8015 NM | |
| 880-34566-43 | SW43 | Total/NA | Solid | 8015 NM | |
| 880-34566-44 | SW44 | Total/NA | Solid | 8015 NM | |
| 880-34566-45 | SW45 | Total/NA | Solid | 8015 NM | |
| 880-34566-46 | SW46 | Total/NA | Solid | 8015 NM | |
| 880-34566-47 | SW47 | Total/NA | Solid | 8015 NM | |
| 880-34566-48 | SW48 | Total/NA | Solid | 8015 NM | |
| 880-34566-49 | SW49 | Total/NA | Solid | 8015 NM | |
| 880-34566-50 | SW50 | Total/NA | Solid | 8015 NM | |
| 880-34566-51 | SW51 | Total/NA | Solid | 8015 NM | |
| 880-34566-52 | SW52 | Total/NA | Solid | 8015 NM | |
| 880-34566-53 | SW53 | Total/NA | Solid | 8015 NM | |
| 880-34566-54 | SW54 | Total/NA | Solid | 8015 NM | |
| 880-34566-55 | SW55 | Total/NA | Solid | 8015 NM | |
| 880-34566-56 | SW56 | Total/NA | Solid | 8015 NM | |
| 880-34566-57 | SW57 | Total/NA | Solid | 8015 NM | |
| 880-34566-58 | SW58 | Total/NA | Solid | 8015 NM | |

### Analysis Batch: 65264

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-49 | SW49 | Total/NA | Solid | 8015B NM | 64970 |
| 880-34566-50 | SW50 | Total/NA | Solid | 8015B NM | 64970 |
| 880-34566-51 | SW51 | Total/NA | Solid | 8015B NM | 64970 |
| 880-34566-52 | SW52 | Total/NA | Solid | 8015B NM | 64970 |
| 880-34566-53 | SW53 | Total/NA | Solid | 8015B NM | 64970 |
| 880-34566-54 | SW54 | Total/NA | Solid | 8015B NM | 64970 |
| 880-34566-55 | SW55 | Total/NA | Solid | 8015B NM | 64970 |
| MB 880-64970/1-A | Method Blank | Total/NA | Solid | 8015B NM | 64970 |
| LCS 880-64970/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 64970 |
| LCSD 880-64970/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 64970 |
| 880-34566-49 MS | SW49 | Total/NA | Solid | 8015B NM | 64970 |
| 880-34566-49 MSD | SW49 | Total/NA | Solid | 8015B NM | 64970 |

## HPLC/IC

### Leach Batch: 64943

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-16 | SW16 | Soluble | Solid | DI Leach | |
| 880-34566-17 | SW17 | Soluble | Solid | DI Leach | |
| 880-34566-18 | SW18 | Soluble | Solid | DI Leach | |
| 880-34566-19 | SW19 | Soluble | Solid | DI Leach | |
| 880-34566-20 | SW20 | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## HPLC/IC (Continued)

### Leach Batch: 64943 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-21 | SW21 | Soluble | Solid | DI Leach | |
| 880-34566-22 | SW22 | Soluble | Solid | DI Leach | |
| 880-34566-23 | SW23 | Soluble | Solid | DI Leach | |
| 880-34566-24 | SW24 | Soluble | Solid | DI Leach | |
| 880-34566-25 | SW25 | Soluble | Solid | DI Leach | |
| 880-34566-26 | SW26 | Soluble | Solid | DI Leach | |
| 880-34566-27 | SW27 | Soluble | Solid | DI Leach | |
| 880-34566-28 | SW28 | Soluble | Solid | DI Leach | |
| 880-34566-29 | SW29 | Soluble | Solid | DI Leach | |
| 880-34566-30 | SW30 | Soluble | Solid | DI Leach | |
| 880-34566-31 | SW31 | Soluble | Solid | DI Leach | |
| 880-34566-32 | SW32 | Soluble | Solid | DI Leach | |
| 880-34566-33 | SW33 | Soluble | Solid | DI Leach | |
| 880-34566-34 | SW34 | Soluble | Solid | DI Leach | |
| 880-34566-35 | SW35 | Soluble | Solid | DI Leach | |
| MB 880-64943/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64943/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64943/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34566-16 MS | SW16 | Soluble | Solid | DI Leach | |
| 880-34566-16 MSD | SW16 | Soluble | Solid | DI Leach | |
| 880-34566-26 MS | SW26 | Soluble | Solid | DI Leach | |
| 880-34566-26 MSD | SW26 | Soluble | Solid | DI Leach | |

### Leach Batch: 64946

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-36 | SW36 | Soluble | Solid | DI Leach | |
| 880-34566-37 | SW37 | Soluble | Solid | DI Leach | |
| 880-34566-38 | SW38 | Soluble | Solid | DI Leach | |
| 880-34566-39 | SW39 | Soluble | Solid | DI Leach | |
| 880-34566-40 | SW40 | Soluble | Solid | DI Leach | |
| 880-34566-41 | SW41 | Soluble | Solid | DI Leach | |
| 880-34566-42 | SW42 | Soluble | Solid | DI Leach | |
| 880-34566-43 | SW43 | Soluble | Solid | DI Leach | |
| 880-34566-44 | SW44 | Soluble | Solid | DI Leach | |
| 880-34566-45 | SW45 | Soluble | Solid | DI Leach | |
| 880-34566-46 | SW46 | Soluble | Solid | DI Leach | |
| 880-34566-47 | SW47 | Soluble | Solid | DI Leach | |
| 880-34566-48 | SW48 | Soluble | Solid | DI Leach | |
| 880-34566-49 | SW49 | Soluble | Solid | DI Leach | |
| 880-34566-50 | SW50 | Soluble | Solid | DI Leach | |
| 880-34566-51 | SW51 | Soluble | Solid | DI Leach | |
| 880-34566-52 | SW52 | Soluble | Solid | DI Leach | |
| 880-34566-53 | SW53 | Soluble | Solid | DI Leach | |
| 880-34566-54 | SW54 | Soluble | Solid | DI Leach | |
| 880-34566-55 | SW55 | Soluble | Solid | DI Leach | |
| MB 880-64946/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64946/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64946/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34566-36 MS | SW36 | Soluble | Solid | DI Leach | |
| 880-34566-36 MSD | SW36 | Soluble | Solid | DI Leach | |
| 880-34566-46 MS | SW46 | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## HPLC/IC (Continued)

### Leach Batch: 64946 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-46 MSD | SW46 | Soluble | Solid | DI Leach | |

### Leach Batch: 64947

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-56 | SW56 | Soluble | Solid | DI Leach | |
| 880-34566-57 | SW57 | Soluble | Solid | DI Leach | |
| 880-34566-58 | SW58 | Soluble | Solid | DI Leach | |
| MB 880-64947/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64947/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64947/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34566-56 MS | SW56 | Soluble | Solid | DI Leach | |
| 880-34566-56 MSD | SW56 | Soluble | Solid | DI Leach | |

### Leach Batch: 64968

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-1 | SW1 | Soluble | Solid | DI Leach | |
| 880-34566-2 | SW2 | Soluble | Solid | DI Leach | |
| 880-34566-3 | SW3 | Soluble | Solid | DI Leach | |
| 880-34566-4 | SW4 | Soluble | Solid | DI Leach | |
| 880-34566-5 | SW5 | Soluble | Solid | DI Leach | |
| 880-34566-6 | SW6 | Soluble | Solid | DI Leach | |
| 880-34566-15 | SW15 | Soluble | Solid | DI Leach | |
| MB 880-64968/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64968/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64968/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34566-6 MS | SW6 | Soluble | Solid | DI Leach | |
| 880-34566-6 MSD | SW6 | Soluble | Solid | DI Leach | |

### Analysis Batch: 65010

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-56 | SW56 | Soluble | Solid | 300.0 | 64947 |
| 880-34566-57 | SW57 | Soluble | Solid | 300.0 | 64947 |
| 880-34566-58 | SW58 | Soluble | Solid | 300.0 | 64947 |
| MB 880-64947/1-A | Method Blank | Soluble | Solid | 300.0 | 64947 |
| LCS 880-64947/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64947 |
| LCSD 880-64947/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64947 |
| 880-34566-56 MS | SW56 | Soluble | Solid | 300.0 | 64947 |
| 880-34566-56 MSD | SW56 | Soluble | Solid | 300.0 | 64947 |

### Analysis Batch: 65166

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-16 | SW16 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-17 | SW17 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-18 | SW18 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-19 | SW19 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-20 | SW20 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-21 | SW21 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-22 | SW22 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-23 | SW23 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-24 | SW24 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-25 | SW25 | Soluble | Solid | 300.0 | 64943 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## HPLC/IC (Continued)

### Analysis Batch: 65166 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-26 | SW26 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-27 | SW27 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-28 | SW28 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-29 | SW29 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-30 | SW30 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-31 | SW31 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-32 | SW32 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-33 | SW33 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-34 | SW34 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-35 | SW35 | Soluble | Solid | 300.0 | 64943 |
| MB 880-64943/1-A | Method Blank | Soluble | Solid | 300.0 | 64943 |
| LCS 880-64943/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64943 |
| LCSD 880-64943/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64943 |
| 880-34566-16 MS | SW16 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-16 MSD | SW16 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-26 MS | SW26 | Soluble | Solid | 300.0 | 64943 |
| 880-34566-26 MSD | SW26 | Soluble | Solid | 300.0 | 64943 |

### Analysis Batch: 65167

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-36 | SW36 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-37 | SW37 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-38 | SW38 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-39 | SW39 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-40 | SW40 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-41 | SW41 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-42 | SW42 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-43 | SW43 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-44 | SW44 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-45 | SW45 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-46 | SW46 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-47 | SW47 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-48 | SW48 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-49 | SW49 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-50 | SW50 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-51 | SW51 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-52 | SW52 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-53 | SW53 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-54 | SW54 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-55 | SW55 | Soluble | Solid | 300.0 | 64946 |
| MB 880-64946/1-A | Method Blank | Soluble | Solid | 300.0 | 64946 |
| LCS 880-64946/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64946 |
| LCSD 880-64946/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64946 |
| 880-34566-36 MS | SW36 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-36 MSD | SW36 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-46 MS | SW46 | Soluble | Solid | 300.0 | 64946 |
| 880-34566-46 MSD | SW46 | Soluble | Solid | 300.0 | 64946 |

### Analysis Batch: 65257

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-1 | SW1 | Soluble | Solid | 300.0 | 64968 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## HPLC/IC (Continued)

### Analysis Batch: 65257 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34566-2 | SW2 | Soluble | Solid | 300.0 | 64968 |
| 880-34566-3 | SW3 | Soluble | Solid | 300.0 | 64968 |
| 880-34566-4 | SW4 | Soluble | Solid | 300.0 | 64968 |
| 880-34566-5 | SW5 | Soluble | Solid | 300.0 | 64968 |
| 880-34566-6 | SW6 | Soluble | Solid | 300.0 | 64968 |
| 880-34566-15 | SW15 | Soluble | Solid | 300.0 | 64968 |
| MB 880-64968/1-A | Method Blank | Soluble | Solid | 300.0 | 64968 |
| LCS 880-64968/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64968 |
| LCSD 880-64968/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64968 |
| 880-34566-6 MS | SW6 | Soluble | Solid | 300.0 | 64968 |
| 880-34566-6 MSD | SW6 | Soluble | Solid | 300.0 | 64968 |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW1

**Lab Sample ID: 880-34566-1**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/18/23 23:47 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/18/23 23:47 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 10:46 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 10:46 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64968 | 10/18/23 12:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65257 | 10/21/23 01:12 | CH | EET MID |

## Client Sample ID: SW2

**Lab Sample ID: 880-34566-2**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 00:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 00:08 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 11:52 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 11:52 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64968 | 10/18/23 12:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65257 | 10/21/23 01:19 | CH | EET MID |

## Client Sample ID: SW3

**Lab Sample ID: 880-34566-3**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 00:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 00:28 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 12:14 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 12:14 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64968 | 10/18/23 12:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65257 | 10/21/23 01:26 | CH | EET MID |

## Client Sample ID: SW4

**Lab Sample ID: 880-34566-4**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 00:48 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 00:48 | SM | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW4

**Lab Sample ID: 880-34566-4**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 12:36 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 12:36 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64968 | 10/18/23 12:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65257 | 10/21/23 01:32 | CH | EET MID |

## Client Sample ID: SW5

**Lab Sample ID: 880-34566-5**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 01:09 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 01:09 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 12:57 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 12:57 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64968 | 10/18/23 12:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65257 | 10/21/23 01:39 | CH | EET MID |

## Client Sample ID: SW6

**Lab Sample ID: 880-34566-6**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 01:29 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 01:29 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 13:19 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 13:19 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64968 | 10/18/23 12:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65257 | 10/21/23 01:46 | CH | EET MID |

## Client Sample ID: SW15

**Lab Sample ID: 880-34566-15**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 01:50 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 01:50 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 13:41 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 13:41 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW15

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-15**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64968 | 10/18/23 12:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65257 | 10/21/23 02:06 | CH | EET MID |

## Client Sample ID: SW16

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-16**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 02:10 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 02:10 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 14:02 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 14:02 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/20/23 22:55 | CH | EET MID |

## Client Sample ID: SW17

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-17**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 02:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 02:30 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 14:25 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 14:25 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/20/23 23:12 | CH | EET MID |

## Client Sample ID: SW18

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-18**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 02:51 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 02:51 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 14:46 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 14:46 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/20/23 23:17 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW19

**Lab Sample ID: 880-34566-19**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 04:13 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 04:13 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 15:32 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 15:32 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/20/23 23:23 | CH | EET MID |

## Client Sample ID: SW20

**Lab Sample ID: 880-34566-20**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 04:33 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 04:33 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 15:54 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 15:54 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/20/23 23:29 | CH | EET MID |

## Client Sample ID: SW21

**Lab Sample ID: 880-34566-21**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 04:53 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 04:53 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 16:16 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 16:16 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/20/23 23:46 | CH | EET MID |

## Client Sample ID: SW22

**Lab Sample ID: 880-34566-22**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 05:14 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 05:14 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW22
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

## Lab Sample ID: 880-34566-22
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 16:37 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 16:37 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/20/23 23:51 | CH | EET MID |

## Client Sample ID: SW23
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

## Lab Sample ID: 880-34566-23
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 05:34 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 05:34 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 17:00 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 17:00 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/20/23 23:57 | CH | EET MID |

## Client Sample ID: SW24
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

## Lab Sample ID: 880-34566-24
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 05:55 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 05:55 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 17:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 17:22 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/21/23 00:03 | CH | EET MID |

## Client Sample ID: SW25
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

## Lab Sample ID: 880-34566-25
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 06:15 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 06:15 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 17:43 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 17:43 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW25

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-25**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/21/23 00:08 | CH | EET MID |

## Client Sample ID: SW26

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-26**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 06:36 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 06:36 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 18:05 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 18:05 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/21/23 00:14 | CH | EET MID |

## Client Sample ID: SW27

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-27**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 06:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 06:56 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 18:26 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 18:26 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/21/23 00:31 | CH | EET MID |

## Client Sample ID: SW28

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34566-28**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64992 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64934 | 10/19/23 07:17 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 07:17 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 18:48 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 64959 | 10/18/23 11:47 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 18:48 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/21/23 00:36 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW29

**Lab Sample ID: 880-34566-29**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 06:41 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 06:41 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 20:33 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 20:33 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/21/23 00:53 | CH | EET MID |

## Client Sample ID: SW30

**Lab Sample ID: 880-34566-30**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 07:07 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 07:07 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 21:36 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 21:36 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/21/23 00:59 | CH | EET MID |

## Client Sample ID: SW31

**Lab Sample ID: 880-34566-31**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 07:33 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 07:33 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 21:57 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 21:57 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/21/23 01:05 | CH | EET MID |

## Client Sample ID: SW32

**Lab Sample ID: 880-34566-32**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 07:59 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 07:59 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW32

**Lab Sample ID: 880-34566-32**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 22:18 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 22:18 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/21/23 01:10 | CH | EET MID |

## Client Sample ID: SW33

**Lab Sample ID: 880-34566-33**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 08:26 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 08:26 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 22:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 22:39 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/21/23 01:16 | CH | EET MID |

## Client Sample ID: SW34

**Lab Sample ID: 880-34566-34**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 08:52 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 08:52 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 23:01 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 23:01 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/21/23 01:22 | CH | EET MID |

## Client Sample ID: SW35

**Lab Sample ID: 880-34566-35**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 09:19 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 09:19 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 23:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 23:22 | SM | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW35

**Lab Sample ID: 880-34566-35**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64943 | 10/19/23 09:58 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65166 | 10/21/23 01:27 | CH | EET MID |

## Client Sample ID: SW36

**Lab Sample ID: 880-34566-36**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 09:45 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 09:45 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/20/23 23:43 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/20/23 23:43 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 16:44 | CH | EET MID |

## Client Sample ID: SW37

**Lab Sample ID: 880-34566-37**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 10:11 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 10:11 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 00:04 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/21/23 00:04 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 17:04 | CH | EET MID |

## Client Sample ID: SW38

**Lab Sample ID: 880-34566-38**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 10:37 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 10:37 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 00:26 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/21/23 00:26 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 17:11 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW39

**Lab Sample ID: 880-34566-39**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 12:21 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 12:21 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 01:08 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.10 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/21/23 01:08 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 17:17 | CH | EET MID |

## Client Sample ID: SW40

**Lab Sample ID: 880-34566-40**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 12:47 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 12:47 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 01:29 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.10 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/21/23 01:29 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 17:24 | CH | EET MID |

## Client Sample ID: SW41

**Lab Sample ID: 880-34566-41**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 13:13 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 13:13 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 01:51 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/21/23 01:51 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 17:45 | CH | EET MID |

## Client Sample ID: SW42

**Lab Sample ID: 880-34566-42**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 13:39 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW42

**Lab Sample ID: 880-34566-42**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 02:12 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/21/23 02:12 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 17:51 | CH | EET MID |

## Client Sample ID: SW43

**Lab Sample ID: 880-34566-43**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 14:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 14:05 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 02:34 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.08 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/21/23 02:34 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 17:58 | CH | EET MID |

## Client Sample ID: SW44

**Lab Sample ID: 880-34566-44**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 14:31 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 14:31 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 02:55 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/21/23 02:55 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 18:05 | CH | EET MID |

## Client Sample ID: SW45

**Lab Sample ID: 880-34566-45**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 14:57 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 14:57 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 03:16 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/21/23 03:16 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW45
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

## Lab Sample ID: 880-34566-45
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 18:11 | CH | EET MID |

## Client Sample ID: SW46
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

## Lab Sample ID: 880-34566-46
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 15:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 15:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 03:37 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/21/23 03:37 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 18:18 | CH | EET MID |

## Client Sample ID: SW47
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

## Lab Sample ID: 880-34566-47
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 15:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 15:49 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 03:58 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/21/23 03:58 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 18:38 | CH | EET MID |

## Client Sample ID: SW48
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

## Lab Sample ID: 880-34566-48
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64993 | 10/18/23 14:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 64936 | 10/19/23 16:15 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/19/23 16:15 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 04:19 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 64969 | 10/18/23 12:04 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65130 | 10/21/23 04:19 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 18:44 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW49

**Lab Sample ID: 880-34566-49**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 64995 | 10/18/23 14:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 10:27 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/22/23 10:27 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 20:32 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 64970 | 10/18/23 12:07 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 20:32 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 19:05 | CH | EET MID |

## Client Sample ID: SW50

**Lab Sample ID: 880-34566-50**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64995 | 10/18/23 14:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 10:53 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/22/23 10:53 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 21:36 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 64970 | 10/18/23 12:07 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 21:36 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 19:11 | CH | EET MID |

## Client Sample ID: SW51

**Lab Sample ID: 880-34566-51**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64995 | 10/18/23 14:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 12:37 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/22/23 12:37 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 21:57 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64970 | 10/18/23 12:07 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 21:57 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 19:18 | CH | EET MID |

## Client Sample ID: SW52

**Lab Sample ID: 880-34566-52**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 10 | 5 mL | 5 mL | 65444 | 10/24/23 16:58 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/24/23 16:58 | SM | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW52

**Lab Sample ID: 880-34566-52**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 22:18 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 64970 | 10/18/23 12:07 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 22:18 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 19:25 | CH | EET MID |

## Client Sample ID: SW53

**Lab Sample ID: 880-34566-53**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 64995 | 10/18/23 14:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 13:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/22/23 13:30 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 22:40 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64970 | 10/18/23 12:07 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 22:40 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 19:31 | CH | EET MID |

## Client Sample ID: SW54

**Lab Sample ID: 880-34566-54**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64995 | 10/18/23 14:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 13:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/22/23 13:56 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 23:01 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 64970 | 10/18/23 12:07 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 23:01 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 19:38 | CH | EET MID |

## Client Sample ID: SW55

**Lab Sample ID: 880-34566-55**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64995 | 10/18/23 14:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 14:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/22/23 14:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/21/23 23:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 64970 | 10/18/23 12:07 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 23:22 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Client Sample ID: SW55

**Lab Sample ID: 880-34566-55**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64946 | 10/19/23 10:30 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65167 | 10/20/23 19:45 | CH | EET MID |

## Client Sample ID: SW56

**Lab Sample ID: 880-34566-56**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64995 | 10/18/23 14:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/22/23 14:49 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/19/23 22:27 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 65061 | 10/19/23 14:03 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 22:27 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 12:30 | CH | EET MID |

## Client Sample ID: SW57

**Lab Sample ID: 880-34566-57**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 64995 | 10/18/23 14:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 15:15 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/22/23 15:15 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/19/23 22:49 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 65061 | 10/19/23 14:03 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 22:49 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 12:50 | CH | EET MID |

## Client Sample ID: SW58

**Lab Sample ID: 880-34566-58**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 64995 | 10/18/23 14:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 15:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65087 | 10/22/23 15:42 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65144 | 10/19/23 23:11 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 65061 | 10/19/23 14:03 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 23:11 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 12:57 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

## Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Texas | NELAP | T104704400-23-26 | 06-30-24 |

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

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

# Method Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

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

**Protocol References:**

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

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

# Sample Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34566-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 880-34566-1 | SW1 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-2 | SW2 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-3 | SW3 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-4 | SW4 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-5 | SW5 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-6 | SW6 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-15 | SW15 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-16 | SW16 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-17 | SW17 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-18 | SW18 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-19 | SW19 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-20 | SW20 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-21 | SW21 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-22 | SW22 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-23 | SW23 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-24 | SW24 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-25 | SW25 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-26 | SW26 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-27 | SW27 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-28 | SW28 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-29 | SW29 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-30 | SW30 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-31 | SW31 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-32 | SW32 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-33 | SW33 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-34 | SW34 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-35 | SW35 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-36 | SW36 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-37 | SW37 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-38 | SW38 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-39 | SW39 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-40 | SW40 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-41 | SW41 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-42 | SW42 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-43 | SW43 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-44 | SW44 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-45 | SW45 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-46 | SW46 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-47 | SW47 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-48 | SW48 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-49 | SW49 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-50 | SW50 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-51 | SW51 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-52 | SW52 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-53 | SW53 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-54 | SW54 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-55 | SW55 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-56 | SW56 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-57 | SW57 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34566-58 | SW58 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |

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Hobbs NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order: 880-34566 Chain of Custody

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to: (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City, State ZIP | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone: | 575 393-3386 | Email: | tbricker@selectwater.com and pm@hungry-horse.com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date. | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab if received by 4.30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank. | Yes (No) | Wet Ice: | (Yes) No | |
| Samples Received Intact. | (Yes) No | Thermometer ID | 128 | |
| Cooler Custody Seals. | Yes No (N/A) | Correction Factor | 0.2 | |
| Sample Custody Seals | Yes No (N/A) | Temperature Reading | 1.3 | |
| Total Containers | | Corrected Temperature. | 1.5 | |

**Preservative Codes**

None: NO — DI Water: $H_2O$
Cool: Cool — MeOH: Me
HCL: HC — $HNO_3$: HN
$H_2SO_4$: $H_2$ — NaOH: Na
$H_3PO_4$: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SW1 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW2 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW3 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW4 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW5 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW6 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW7 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW8 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW9 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW10 | S | 10/10/23 | | | C | 1 | | X | X | X | |

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date: 08/25/2020 Rev: 2020.2

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# Chain of Custody

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

**Work Order No:** _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to. (if different) | Timsan Bricker |
| Company Name. | Hungry Horse LLC | Company Name. | Select Energy Services LLC |
| Address. | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City, State ZIP: | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone. | 575 393-3386 | Email: | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number: | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name: | Jerry Heidelberg | TAT starts the day received by the lab if received by 4:30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No | |
| Samples Received Intact: | Yes No | Thermometer ID: | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor: | | |
| Sample Custody Seals. | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature: | | |

**Preservative Codes**

None. NO — DI Water: $H_2O$
Cool: Cool — MeOH: Me
HCL: HC — $HNO_3$: HN
$H_2SO_4$: $H_2$ — NaOH: Na
$H_3PO_4$: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$. $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SW11 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW12 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW13 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW14 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW15 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW16 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW17 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW18 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW19 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW20 | S | 10/10/23 | | | C | 1 | | X | X | X | |

ANALYSIS REQUEST — Parameters

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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| Relinquished by (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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Hobbs, NM (575) 392-7550 Carlsbad NM (575) 988-3199

**Work Order No:** _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to. (if different) | Timsan Bricker |
| Company Name: | Hungry Horse LLC | Company Name: | Select Energy Services, LLC |
| Address. | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City State ZIP | Lovington NM 88260 | City, State ZIP | Carlsbad |
| Phone. | 575 393-3386 | Email. | tbricker@selectwater com and pm@hungry-horse.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting.Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name: | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4 30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank. | Yes No | Wet Ice: | Yes No | |
| Samples Received Intact: | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers. | | Corrected Temperature | | |

**Preservative Codes**

None: NO DI Water $H_2O$
Cool Cool MeOH Me
HCL HC $HNO_3$ HN
$H_2SO_4$ $H_2$ NaOH Na
$H_3PO_4$ HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SW21 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW22 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW23 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW24 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW25 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW26 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW27 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW28 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW29 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW30 | S | 10/10/23 | | | C | 1 | | X | X | X | |

Parameters

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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| | Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|---|
| 1 | | | 10-16-23 4 02 | 2 | | |
| 3 | | | | 4 | | |
| 5 | | | | 6 | | |

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Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

**Work Order No:** _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name. | Hungry Horse LLC | Company Name: | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St |
| City, State ZIP | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone | 575 393-3386 Email | | tbricker@selectwater com and pm@hungry-horse.com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date: | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab if received by 4 30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank. | Yes No | Wet Ice | Yes No | |
| Samples Received Intact | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**Preservative Codes**

None. NO — DI Water $H_2O$
Cool Cool — MeOH. Me
HCL. HC — $HNO_3$. HN
$H_2SO_4$. $H_2$ — NaOH Na
$H_3PO_4$. HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$. $NaSO_3$
Zn Acetate+NaOH. Zn
NaOH+Ascorbic Acid SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SW31 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW32 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW33 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW34 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW35 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW36 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW37 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW38 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW39 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW40 | S | 10/10/23 | | | C | 1 | | X | X | X | |

Parameters

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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| | Relinquished by (Signature) | Received by (Signature) | Date/Time | | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|---|---|
| 1 | | | 10-10-23 4:12 | 2 | | | |
| 3 | | | | 4 | | | |
| 5 | | | | 6 | | | |

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Hobbs, NM (575) 392 7550 Carlsbad NM (575) 988-3199

**Work Order No:** _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to. (if different) | Timsan Bricker |
| Company Name: | Hungry Horse LLC | Company Name | Select Energy Services, LLC |
| Address. | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City State ZIP | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone. | 575 393-3386 | Email | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name. | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4:30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Samples Received Intact. | Temp Blank. Yes No | Thermometer ID | Wet Ice Yes No | |
| Cooler Custody Seals: | Yes No N/A | Correction Factor | | |
| Sample Custody Seals: | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**Preservative Codes**

None: NO DI Water $H_2O$
Cool Cool MeOH Me
HCL HC $HNO_3$ HN
$H_2SO_4$ $H_2$ NaOH Na
$H_3PO_4$ HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | Parameters: CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SW41 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW42 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW43 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW44 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW45 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW46 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW47 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW48 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW49 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW50 | S | 10/10/23 | | | C | 1 | | X | X | X | |

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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

| Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 10-11-23 4 07 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date: 08/25/2020 Rev: 2020.2

Received by OCD: 6/13/2024 3:07:52 PM
Released to Imaging: 7/1/2024 1:26:15 PM
10/25/2023
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eurofins

# Chain of Custody

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

**Work Order No:** _____

www.xenco.com Page 1 of 3

| | | | |
|---|---|---|---|
| Project Manager: | Bradley Wells | Bill to: (if different) | Timsan Bricker |
| Company Name: | Hungry Horse LLC | Company Name | Select Energy Services, LLC |
| Address: | 4024 Plains Hwy | Address: | 1502 E Greene St. |
| City, State ZIP: | Lovington, NM 88260 | City, State ZIP: | Carlsbad |
| Phone: | 575 393-3386 Email | | tbricker@selectwater com and pm@hungry-horse.com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name: | J3 Pit | Turn Around | |
| Project Number: | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name: | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4 30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Samples Received Intact: | Yes No | Temp Blank | Yes No | Wet Ice. Yes No |
| Cooler Custody Seals. | Yes No N/A | Thermometer ID | | |
| Sample Custody Seals. | Yes No N/A | Correction Factor | | |
| Total Containers. | | Temperature Reading | | |
| | | Corrected Temperature. | | |

**Preservative Codes**

None: NO — DI Water: $H_2O$
Cool: Cool — MeOH: Me
HCL: HC — $HNO_3$: HN
$H_2SO_4$: $H_2$ — NaOH: Na
$H_3PO_4$: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | Parameters: CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SW51 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW52 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW53 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW54 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW55 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW56 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW57 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| SW58 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | Eyton Cornell | 10 16-23 4:12 | 2 Eyton Cornell | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 6/13/2024 3:07:52 PM
Released to Imaging: 7/1/2024 1:26:15 PM
10/25/2023
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# Login Sample Receipt Checklist

Client: Hungry Horse LLC

Job Number: 880-34566-1
SDG Number:

**Login Number: 34566**
**List Number: 1**
**Creator: Kramer, Jessica**

**List Source: Eurofins Midland**

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

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Bradley Wells
Hungry Horse LLC
PO BOX 1058
Hobbs, New Mexico 88241

Generated 10/25/2023 10:44:37 AM

## JOB DESCRIPTION

J3 Pit

## JOB NUMBER

880-34567-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



Released to Imaging: 7/1/2024 1:26:13 PM

# Eurofins Midland

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated
10/25/2023 10:44:37 AM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Client: Hungry Horse LLC
Project/Site: J3 Pit

Laboratory Job ID: 880-34567-1

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# Definitions/Glossary

Client: Hungry Horse LLC Job ID: 880-34567-1
Project/Site: J3 Pit

## Qualifiers

### GC VOA

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

### GC Semi VOA

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

### HPLC/IC

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

## Glossary

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

# Case Narrative

Client: Hungry Horse LLC Job ID: 880-34567-1
Project/Site: J3 Pit

## Job ID: 880-34567-1

**Laboratory: Eurofins Midland**

**Narrative**

**Job Narrative**
**880-34567-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

**Receipt**
The samples were received on 10/18/2023 10:29 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C

**Receipt Exceptions**
The following sample was listed on the Chain of Custody (COC); however, no sample was received: FL 198 (880-34567-73).

**GC VOA**
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-65159 and 880-65235 and analytical batch 880-65138 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: FL 197 (880-34567-72), FL 201 (880-34567-76), FL 202 (880-34567-77), FL 204 (880-34567-79) and FL 206 (880-34567-81). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: FL 126 (880-34567-1), FL 127 (880-34567-2), FL 128 (880-34567-3), FL 129 (880-34567-4), FL 131 (880-34567-6), FL 132 (880-34567-7), FL 133 (880-34567-8), FL 134 (880-34567-9), FL 135 (880-34567-10), FL 136 (880-34567-11), FL 137 (880-34567-12), FL 138 (880-34567-13), FL 139 (880-34567-14), FL 140 (880-34567-15), FL 141 (880-34567-16), FL 142 (880-34567-17), FL 143 (880-34567-18), (LCS 880-64996/1-A) and (LCSD 880-64996/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: FL 146 (880-34567-21), FL 147 (880-34567-22), FL 149 (880-34567-24), FL 151 (880-34567-26), FL 152 (880-34567-27), FL 153 (880-34567-28), FL 154 (880-34567-29), FL 155 (880-34567-30), FL 156 (880-34567-31), FL 157 (880-34567-32), FL 158 (880-34567-33), FL 159 (880-34567-34), FL 160 (880-34567-35), FL 161 (880-34567-36), FL 162 (880-34567-37), FL 163 (880-34567-38), FL 164 (880-34567-39), FL 165 (880-34567-40), FL 176 (880-34567-51), FL 177 (880-34567-52), FL 178 (880-34567-53), FL 179 (880-34567-54), FL 180 (880-34567-55), FL 181 (880-34567-56), FL 182 (880-34567-57), FL 183 (880-34567-58), FL 184 (880-34567-59), FL 185 (880-34567-60), (CCV 880-65272/2), (LCS 880-64997/1-A), (LCS 880-65117/1-A), (LCSD 880-64997/2-A), (LCSD 880-65117/2-A), (MB 880-65117/5-A), (880-34567-A-21-F MS), (880-34567-A-21-G MSD), (880-34567-A-51-C MS) and (880-34567-A-51-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-65272 recovered under the lower control limit for Benzene, Toluene, Ethylbenzene, m,p-Xylenes and o-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-65136 recovered above the upper control limit for m,p-Xylenes and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-65136/35).

# Case Narrative

Client: Hungry Horse LLC Job ID: 880-34567-1
Project/Site: J3 Pit

## Job ID: 880-34567-1 (Continued)

### Laboratory: Eurofins Midland (Continued)

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-64997 and analytical batch 880-65272 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-65117 and analytical batch 880-65272 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (880-34567-A-1-E MS) and (880-34567-A-1-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-65447 and analytical batch 880-65444 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: FL 168 (880-34567-43) and FL 172 (880-34567-47). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-65120 and analytical batch 880-65444 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: FL 174 (880-34567-49). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

**GC Semi VOA**

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-64960 and analytical batch 880-65018 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FL 126 (880-34567-1), FL 127 (880-34567-2) and (880-34567-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-65018/20), (CCV 880-65018/31), (CCV 880-65018/5) and (LCSD 880-64960/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FL 131 (880-34567-6), FL 133 (880-34567-8), FL 136 (880-34567-11) and FL 139 (880-34567-14). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-64966 and 880-65061 and analytical batch 880-65020 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-64971 and 880-64972 and analytical batch 880-65128 was outside the upper control limits.

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

**HPLC/IC**

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-64947 and analytical batch 880-65010 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

# Case Narrative

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Job ID: 880-34567-1 (Continued)

**Laboratory: Eurofins Midland (Continued)**

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-64951 and analytical batch 880-65191 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-64949 and analytical batch 880-65190 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 126

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-1**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:01 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:01 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:01 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:01 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:01 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *186* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 12:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *85* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 12:01* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/20/23 12:01 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/19/23 10:44 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 10:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 10:44 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 10:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *133* | *S1+* | *70 - 130* | *10/18/23 11:53* | *10/19/23 10:44* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 10:44* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **164** | | 4.99 | | mg/Kg | | | 10/20/23 13:03 | 1 |

## Client Sample ID: FL 127

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-2**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:27 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:27 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:27 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:27 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:27 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *158* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 12:27* | *1* |
| *1,4-Difluorobenzene (Surr)* | *71* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 12:27* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 127

**Lab Sample ID: 880-34567-2**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/20/23 12:27 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/19/23 11:50 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 11:50 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 11:50 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 11:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *133* | *S1+* | *70 - 130* | *10/18/23 11:53* | *10/19/23 11:50* | *1* |
| *o-Terphenyl (Surr)* | *106* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 11:50* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **112** | | 4.95 | | mg/Kg | | | 10/20/23 13:10 | 1 |

## Client Sample ID: FL 128

**Lab Sample ID: 880-34567-3**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:53 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:53 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:53 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:53 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:53 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 12:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *191* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 12:53* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 12:53* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/20/23 12:53 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/19/23 12:12 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 12:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 12:12 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 128

**Lab Sample ID: 880-34567-3**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 12:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 12:12* | *1* |
| *o-Terphenyl (Surr)* | *100* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 12:12* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **127** | | 4.97 | | mg/Kg | | | 10/20/23 13:30 | 1 |

## Client Sample ID: FL 129

**Lab Sample ID: 880-34567-4**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 13:19 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 13:19 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 13:19 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 13:19 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 13:19 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 13:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *188* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 13:19* | *1* |
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 13:19* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/20/23 13:19 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/19/23 12:33 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 12:33 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 12:33 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 12:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *118* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 12:33* | *1* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 12:33* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **156** | | 5.00 | | mg/Kg | | | 10/20/23 13:37 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 130

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-5**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 13:45 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 13:45 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 13:45 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 13:45 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 13:45 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 13:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *78* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 13:45* | *1* |
| *1,4-Difluorobenzene (Surr)* | *76* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 13:45* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/20/23 13:45 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/19/23 12:55 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 12:55 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 12:55 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 12:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 12:55* | *1* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 12:55* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **212** | | 4.99 | | mg/Kg | | | 10/20/23 13:43 | 1 |

## Client Sample ID: FL 131

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-6**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 14:11 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 14:11 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 14:11 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 14:11 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 14:11 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 14:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *195* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 14:11* | *1* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 14:11* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 131

**Lab Sample ID: 880-34567-6**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/20/23 14:11 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/19/23 13:17 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 13:17 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 13:17 | 1 |
| Oil Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 13:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *131* | *S1+* | *70 - 130* | *10/18/23 11:53* | *10/19/23 13:17* | *1* |
| *o-Terphenyl (Surr)* | *105* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 13:17* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **153** | | 4.95 | | mg/Kg | | | 10/20/23 13:50 | 1 |

## Client Sample ID: FL 132

**Lab Sample ID: 880-34567-7**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 14:37 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 14:37 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 14:37 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 14:37 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 14:37 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 14:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *161* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 14:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *84* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 14:37* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/20/23 14:37 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/19/23 13:38 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 13:38 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 13:38 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 132

**Lab Sample ID: 880-34567-7**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 13:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 13:38* | *1* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 13:38* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **406** | | 4.95 | | mg/Kg | | | 10/20/23 13:56 | 1 |

## Client Sample ID: FL 133

**Lab Sample ID: 880-34567-8**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:04 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:04 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:04 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:04 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:04 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *199* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 15:04* | *1* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 15:04* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/20/23 15:04 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/19/23 14:00 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 14:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 14:00 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 14:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *136* | *S1+* | *70 - 130* | *10/18/23 11:53* | *10/19/23 14:00* | *1* |
| *o-Terphenyl (Surr)* | *110* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 14:00* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **149** | **F1** | 4.99 | | mg/Kg | | | 10/20/23 14:03 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 134

**Lab Sample ID: 880-34567-9**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:30 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:30 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:30 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:30 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:30 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *138* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 15:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 15:30* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/20/23 15:30 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/19/23 14:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 14:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 14:22 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 14:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *124* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 14:22* | *1* |
| *o-Terphenyl (Surr)* | *101* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 14:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **187** | | 5.05 | | mg/Kg | | | 10/20/23 14:23 | 1 |

## Client Sample ID: FL 135

**Lab Sample ID: 880-34567-10**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:56 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:56 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:56 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:56 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:56 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 15:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *157* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 15:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 15:56* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 135

**Lab Sample ID: 880-34567-10**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/20/23 15:56 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.5 | U | 49.5 | | mg/Kg | | | 10/19/23 14:44 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 14:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 14:44 | 1 |
| Oil Range Organics (Over C28-C36) | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 14:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *128* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 14:44* | *1* |
| *o-Terphenyl (Surr)* | *101* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 14:44* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **151** | | 4.98 | | mg/Kg | | | 10/20/23 14:30 | 1 |

## Client Sample ID: FL 136

**Lab Sample ID: 880-34567-11**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 17:40 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 17:40 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 17:40 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 17:40 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 17:40 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 17:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *140* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 17:40* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 17:40* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/20/23 17:40 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.5 | U | 49.5 | | mg/Kg | | | 10/19/23 15:31 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 15:31 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 15:31 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 136

**Lab Sample ID: 880-34567-11**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 15:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *133* | *S1+* | *70 - 130* | *10/18/23 11:53* | *10/19/23 15:31* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 15:31* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **221** | | 4.95 | | mg/Kg | | | 10/20/23 14:49 | 1 |

## Client Sample ID: FL 137

**Lab Sample ID: 880-34567-12**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:06 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:06 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:06 | 1 |
| m,p-Xylenes | <0.00397 | U | 0.00397 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:06 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:06 | 1 |
| Xylenes, Total | <0.00397 | U | 0.00397 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *180* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 18:06* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 18:06* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00397 | U | 0.00397 | | mg/Kg | | | 10/20/23 18:06 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/19/23 15:52 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 15:52 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 15:52 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 15:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *117* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 15:52* | *1* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 15:52* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **136** | | 4.97 | | mg/Kg | | | 10/20/23 14:56 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 138

**Lab Sample ID: 880-34567-13**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:32 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:32 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:32 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:32 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:32 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *131* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 18:32* | *1* |
| *1,4-Difluorobenzene (Surr)* | *85* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 18:32* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/20/23 18:32 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/19/23 16:14 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 16:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 16:14 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 16:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *111* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 16:14* | *1* |
| *o-Terphenyl (Surr)* | *90* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 16:14* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **109** | | 4.96 | | mg/Kg | | | 10/20/23 15:03 | 1 |

## Client Sample ID: FL 139

**Lab Sample ID: 880-34567-14**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:58 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:58 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:58 | 1 |
| m,p-Xylenes | <0.00403 | U | 0.00403 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:58 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:58 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 18:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *178* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 18:58* | *1* |
| *1,4-Difluorobenzene (Surr)* | *74* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 18:58* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 139

**Lab Sample ID: 880-34567-14**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 10/20/23 18:58 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/19/23 16:36 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 16:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 16:36 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 16:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *146* | *S1+* | *70 - 130* | *10/18/23 11:53* | *10/19/23 16:36* | *1* |
| *o-Terphenyl (Surr)* | *119* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 16:36* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **198** | | 4.96 | | mg/Kg | | | 10/20/23 15:09 | 1 |

## Client Sample ID: FL 140

**Lab Sample ID: 880-34567-15**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 19:23 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 19:23 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 19:23 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 19:23 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 19:23 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 19:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *178* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 19:23* | *1* |
| *1,4-Difluorobenzene (Surr)* | *89* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 19:23* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/20/23 19:23 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/19/23 16:58 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 16:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 16:58 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 140

**Lab Sample ID: 880-34567-15**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 16:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *128* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 16:58* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 16:58* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **145** | | 5.01 | | mg/Kg | | | 10/20/23 15:16 | 1 |

## Client Sample ID: FL 141

**Lab Sample ID: 880-34567-16**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 19:48 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 19:48 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 19:48 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 19:48 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 19:48 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 19:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *167* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 19:48* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 19:48* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/20/23 19:48 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/19/23 17:20 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 17:20 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 17:20 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 17:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 17:20* | *1* |
| *o-Terphenyl (Surr)* | *92* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 17:20* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **217** | | 4.98 | | mg/Kg | | | 10/20/23 15:23 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 142

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-17**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 20:14 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 20:14 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 20:14 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 20:14 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 20:14 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 20:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *191* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 20:14* | *1* |
| *1,4-Difluorobenzene (Surr)* | *87* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 20:14* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/20/23 20:14 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/19/23 17:42 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 17:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 17:42 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 17:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *118* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 17:42* | *1* |
| *o-Terphenyl (Surr)* | *94* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 17:42* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **234** | | 5.00 | | mg/Kg | | | 10/20/23 15:29 | 1 |

## Client Sample ID: FL 143

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-18**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 20:39 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 20:39 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 20:39 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 20:39 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 20:39 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 20:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *148* | *S1+* | *70 - 130* | *10/18/23 15:10* | *10/20/23 20:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *82* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 20:39* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 143

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-18**
**Matrix: Solid**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/20/23 20:39 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/19/23 18:04 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 18:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 18:04 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 18:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *119* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 18:04* | *1* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 18:04* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **80.6** | | 4.95 | | mg/Kg | | | 10/20/23 19:37 | 1 |

## Client Sample ID: FL 144

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-19**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 17:31 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 17:31 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 17:31 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 17:31 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 17:31 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 17:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *10/20/23 14:22* | *10/21/23 17:31* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *10/20/23 14:22* | *10/21/23 17:31* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/21/23 17:31 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/19/23 18:26 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 18:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 18:26 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 144

**Lab Sample ID: 880-34567-19**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 18:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *120* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 18:26* | *1* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 18:26* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **114** | | 5.05 | | mg/Kg | | | 10/20/23 19:54 | 1 |

## Client Sample ID: FL 145

**Lab Sample ID: 880-34567-20**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 17:52 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 17:52 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 17:52 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 17:52 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 17:52 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 17:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *10/20/23 14:22* | *10/21/23 17:52* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *10/20/23 14:22* | *10/21/23 17:52* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/21/23 17:52 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/19/23 18:47 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 18:47 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 18:47 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 18:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *130* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 18:47* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *10/18/23 11:53* | *10/19/23 18:47* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **87.0** | | 5.03 | | mg/Kg | | | 10/20/23 20:00 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 146

**Lab Sample ID: 880-34567-21**
**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:39 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:39 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:39 | 1 |
| m,p-Xylenes | <0.00401 | U F1 | 0.00401 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:39 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:39 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *154* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/21/23 17:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *81* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 17:39* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/21/23 17:39 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/19/23 10:44 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 10:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 10:44 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 10:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *86* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 10:44* | *1* |
| *o-Terphenyl (Surr)* | *88* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 10:44* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **89.7** | | 5.00 | | mg/Kg | | | 10/20/23 20:06 | 1 |

## Client Sample ID: FL 147

**Lab Sample ID: 880-34567-22**
**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:04 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:04 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:04 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:04 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:04 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *215* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/21/23 18:04* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 18:04* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 147

**Lab Sample ID: 880-34567-22**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/21/23 18:04 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/19/23 11:50 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 11:50 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 11:50 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 11:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 11:50* | *1* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 11:50* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **79.1** | | 5.05 | | mg/Kg | | | 10/20/23 20:11 | 1 |

## Client Sample ID: FL 148

**Lab Sample ID: 880-34567-23**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:30 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:30 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:30 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:30 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:30 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *115* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 18:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 18:30* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/21/23 18:30 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/19/23 12:12 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 12:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 12:12 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 148

**Lab Sample ID: 880-34567-23**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 12:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *94* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 12:12* | *1* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 12:12* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **48.2** | | 4.99 | | mg/Kg | | | 10/20/23 20:28 | 1 |

## Client Sample ID: FL 149

**Lab Sample ID: 880-34567-24**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:56 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:56 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:56 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:56 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:56 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 18:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *132* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/21/23 18:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *81* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 18:56* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/21/23 18:56 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/19/23 12:33 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 12:33 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 12:33 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 12:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *83* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 12:33* | *1* |
| *o-Terphenyl (Surr)* | *85* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 12:33* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **71.3** | | 5.04 | | mg/Kg | | | 10/20/23 20:34 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 150

**Lab Sample ID: 880-34567-25**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 19:23 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 19:23 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 19:23 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 19:23 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 19:23 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 19:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 19:23* | *1* |
| *1,4-Difluorobenzene (Surr)* | *75* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 19:23* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/21/23 19:23 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **85.3** | | 49.7 | | mg/Kg | | | 10/19/23 12:55 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 12:55 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **85.3** | | 49.7 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 12:55 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 12:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 12:55* | *1* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 12:55* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **57.2** | | 5.03 | | mg/Kg | | | 10/20/23 20:39 | 1 |

## Client Sample ID: FL 151

**Lab Sample ID: 880-34567-26**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 19:48 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 19:48 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 19:48 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 19:48 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 19:48 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 19:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *175* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/21/23 19:48* | *1* |
| *1,4-Difluorobenzene (Surr)* | *84* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 19:48* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 151

**Lab Sample ID: 880-34567-26**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/21/23 19:48 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/19/23 13:17 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 13:17 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 13:17 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 13:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *84* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 13:17* | *1* |
| *o-Terphenyl (Surr)* | *86* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 13:17* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **195** | | 5.02 | | mg/Kg | | | 10/20/23 20:45 | 1 |

## Client Sample ID: FL 152

**Lab Sample ID: 880-34567-27**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 20:14 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 20:14 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 20:14 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 20:14 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 20:14 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 20:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *193* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/21/23 20:14* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 20:14* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/21/23 20:14 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/19/23 13:38 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 13:38 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 13:38 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 152

**Lab Sample ID: 880-34567-27**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 13:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 13:38* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 13:38* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **174** | | 5.01 | | mg/Kg | | | 10/20/23 20:51 | 1 |

## Client Sample ID: FL 153

**Lab Sample ID: 880-34567-28**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 20:39 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 20:39 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 20:39 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 20:39 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 20:39 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 20:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *192* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/21/23 20:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 20:39* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/21/23 20:39 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/19/23 14:00 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 14:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 14:00 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 14:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *92* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 14:00* | *1* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 14:00* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **198** | | 5.03 | | mg/Kg | | | 10/20/23 20:56 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 154

**Lab Sample ID: 880-34567-29**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 21:05 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 21:05 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 21:05 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 21:05 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 21:05 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 21:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *151* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/21/23 21:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *81* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 21:05* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/21/23 21:05 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/19/23 14:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 14:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 14:22 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 14:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 14:22* | *1* |
| *o-Terphenyl (Surr)* | *101* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 14:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **180** | | 4.96 | | mg/Kg | | | 10/20/23 21:13 | 1 |

## Client Sample ID: FL 155

**Lab Sample ID: 880-34567-30**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 21:30 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 21:30 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 21:30 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 21:30 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 21:30 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 21:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *174* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/21/23 21:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *79* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 21:30* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 155

**Lab Sample ID: 880-34567-30**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/21/23 21:30 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/19/23 14:44 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 14:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 14:44 | 1 |
| Oil Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 14:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 14:44* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 14:44* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **69.1** | | 5.02 | | mg/Kg | | | 10/20/23 21:19 | 1 |

## Client Sample ID: FL 156

**Lab Sample ID: 880-34567-31**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 23:13 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 23:13 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 23:13 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 23:13 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 23:13 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 23:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *176* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/21/23 23:13* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 23:13* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/21/23 23:13 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/19/23 15:31 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 15:31 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 15:31 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 156

**Lab Sample ID: 880-34567-31**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 15:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *90* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 15:31* | *1* |
| *o-Terphenyl (Surr)* | *92* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 15:31* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **74.9** | | 5.05 | | mg/Kg | | | 10/20/23 21:36 | 1 |

## Client Sample ID: FL 157

**Lab Sample ID: 880-34567-32**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 23:39 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 23:39 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 23:39 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 23:39 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 23:39 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 23:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *174* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/21/23 23:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *83* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 23:39* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/21/23 23:39 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/19/23 15:52 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 15:52 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 15:52 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 15:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *86* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 15:52* | *1* |
| *o-Terphenyl (Surr)* | *87* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 15:52* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **55.5** | | 5.02 | | mg/Kg | | | 10/20/23 21:41 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 158

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-33**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:05 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:05 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:05 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:05 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:05 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *217* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/22/23 00:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *10/18/23 15:11* | *10/22/23 00:05* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 00:05 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/19/23 16:14 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 16:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 16:14 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 16:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 16:14* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 16:14* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **143** | | 5.01 | | mg/Kg | | | 10/20/23 21:47 | 1 |

## Client Sample ID: FL 159

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-34**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:31 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:31 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:31 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:31 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:31 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *247* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/22/23 00:31* | *1* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* | *10/18/23 15:11* | *10/22/23 00:31* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 159

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-34**
**Matrix: Solid**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 00:31 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/19/23 16:36 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 16:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 16:36 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 16:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 16:36* | *1* |
| *o-Terphenyl (Surr)* | *101* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 16:36* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **83.8** | | 5.00 | | mg/Kg | | | 10/20/23 21:53 | 1 |

## Client Sample ID: FL 160

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-35**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:56 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:56 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:56 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:56 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:56 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 00:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *204* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/22/23 00:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* | *10/18/23 15:11* | *10/22/23 00:56* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/22/23 00:56 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/19/23 16:58 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 16:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 16:58 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 160

**Lab Sample ID: 880-34567-35**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 16:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 16:58* | *1* |
| *o-Terphenyl (Surr)* | *101* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 16:58* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **131** | | 5.01 | | mg/Kg | | | 10/20/23 21:58 | 1 |

## Client Sample ID: FL 161

**Lab Sample ID: 880-34567-36**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 01:22 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 01:22 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 01:22 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 01:22 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 01:22 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 01:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *198* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/22/23 01:22* | *1* |
| *1,4-Difluorobenzene (Surr)* | *80* | | *70 - 130* | *10/18/23 15:11* | *10/22/23 01:22* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/22/23 01:22 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/19/23 17:20 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 17:20 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 17:20 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 17:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *83* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 17:20* | *1* |
| *o-Terphenyl (Surr)* | *84* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 17:20* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **129** | | 4.95 | | mg/Kg | | | 10/20/23 22:04 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 162

**Lab Sample ID: 880-34567-37**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 01:48 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 01:48 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 01:48 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 01:48 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 01:48 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 01:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *244* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/22/23 01:48* | *1* |
| *1,4-Difluorobenzene (Surr)* | *116* | | *70 - 130* | *10/18/23 15:11* | *10/22/23 01:48* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 01:48 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/19/23 17:42 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 17:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 17:42 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 17:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *93* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 17:42* | *1* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 17:42* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **179** | | 4.95 | | mg/Kg | | | 10/20/23 22:10 | 1 |

## Client Sample ID: FL 163

**Lab Sample ID: 880-34567-38**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 02:13 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 02:13 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 02:13 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 02:13 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 02:13 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 02:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *163* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/22/23 02:13* | *1* |
| *1,4-Difluorobenzene (Surr)* | *71* | | *70 - 130* | *10/18/23 15:11* | *10/22/23 02:13* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 163

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-38**
**Matrix: Solid**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 02:13 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/19/23 18:04 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 18:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 18:04 | 1 |
| Oil Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 18:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *86* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 18:04* | *1* |
| *o-Terphenyl (Surr)* | *89* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 18:04* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **158** | **F1** | 5.03 | | mg/Kg | | | 10/21/23 00:06 | 1 |

## Client Sample ID: FL 164

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-39**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 02:39 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 02:39 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 02:39 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 02:39 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 02:39 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 02:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *198* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/22/23 02:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *10/18/23 15:11* | *10/22/23 02:39* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/22/23 02:39 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/19/23 18:26 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 18:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 18:26 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 164

**Lab Sample ID: 880-34567-39**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 18:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 18:26* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 18:26* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **161** | | 5.00 | | mg/Kg | | | 10/21/23 00:26 | 1 |

## Client Sample ID: FL 165

**Lab Sample ID: 880-34567-40**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 03:05 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 03:05 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 03:05 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 03:05 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 03:05 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/18/23 15:11 | 10/22/23 03:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *169* | *S1+* | *70 - 130* | *10/18/23 15:11* | *10/22/23 03:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *71* | | *70 - 130* | *10/18/23 15:11* | *10/22/23 03:05* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/22/23 03:05 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/19/23 18:47 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 18:47 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 18:47 | 1 |
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 11:55 | 10/19/23 18:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *87* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 18:47* | *1* |
| *o-Terphenyl (Surr)* | *91* | | *70 - 130* | *10/18/23 11:55* | *10/19/23 18:47* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **84.8** | | 5.05 | | mg/Kg | | | 10/21/23 00:33 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 166

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-41**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:18 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:18 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:18 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:18 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:18 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 17:18* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 17:18* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/24/23 17:18 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/20/23 10:46 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 10:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 10:46 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 10:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 10:46* | *1* |
| *o-Terphenyl (Surr)* | *109* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 10:46* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **140** | | 5.02 | | mg/Kg | | | 10/21/23 00:40 | 1 |

## Client Sample ID: FL 167

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-42**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:38 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:38 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:38 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:38 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:38 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 17:38* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 17:38* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 167

**Lab Sample ID: 880-34567-42**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/24/23 17:38 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/20/23 11:52 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 11:52 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 11:52 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 11:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *88* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 11:52* | *1* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 11:52* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **165** | | 4.97 | | mg/Kg | | | 10/21/23 00:46 | 1 |

## Client Sample ID: FL 168

**Lab Sample ID: 880-34567-43**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:59 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:59 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:59 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:59 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:59 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 17:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *60* | *S1-* | *70 - 130* | *10/19/23 17:44* | *10/24/23 17:59* | *1* |
| *1,4-Difluorobenzene (Surr)* | *89* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 17:59* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/24/23 17:59 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/20/23 12:14 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 12:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 12:14 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 168

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-43**
**Matrix: Solid**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 12:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *79* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 12:14* | *1* |
| *o-Terphenyl (Surr)* | *85* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 12:14* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **204** | | 4.96 | | mg/Kg | | | 10/21/23 01:06 | 1 |

## Client Sample ID: FL 169

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-44**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 18:19 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 18:19 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 18:19 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 18:19 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 18:19 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 18:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 18:19* | *1* |
| *1,4-Difluorobenzene (Surr)* | *118* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 18:19* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 18:19 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/20/23 12:36 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 12:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 12:36 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 12:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 12:36* | *1* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 12:36* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **186** | | 5.05 | | mg/Kg | | | 10/21/23 01:13 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 170

**Lab Sample ID: 880-34567-45**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 18:40 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 18:40 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 18:40 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 18:40 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 18:40 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 18:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 18:40* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 18:40* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/24/23 18:40 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/20/23 12:57 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 12:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 12:57 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 12:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *92* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 12:57* | *1* |
| *o-Terphenyl (Surr)* | *98* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 12:57* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **173** | | 4.96 | | mg/Kg | | | 10/21/23 01:19 | 1 |

## Client Sample ID: FL 171

**Lab Sample ID: 880-34567-46**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:00 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:00 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:00 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:00 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:00 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 19:00* | *1* |
| *1,4-Difluorobenzene (Surr)* | *115* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 19:00* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 171

**Lab Sample ID: 880-34567-46**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 19:00 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/20/23 13:19 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 13:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 13:19 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 13:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *86* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 13:19* | *1* |
| *o-Terphenyl (Surr)* | *93* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 13:19* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **119** | | 5.05 | | mg/Kg | | | 10/21/23 01:26 | 1 |

## Client Sample ID: FL 172

**Lab Sample ID: 880-34567-47**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:20 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:20 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:20 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:20 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:20 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *162* | *S1+* | *70 - 130* | *10/19/23 17:44* | *10/24/23 19:20* | *1* |
| *1,4-Difluorobenzene (Surr)* | *129* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 19:20* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/24/23 19:20 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/20/23 13:41 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 13:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 13:41 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 172

**Lab Sample ID: 880-34567-47**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 13:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 13:41* | *1* |
| *o-Terphenyl (Surr)* | *110* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 13:41* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **191** | | 5.02 | | mg/Kg | | | 10/21/23 01:33 | 1 |

## Client Sample ID: FL 173

**Lab Sample ID: 880-34567-48**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:41 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:41 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:41 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:41 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:41 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 19:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 19:41* | *1* |
| *1,4-Difluorobenzene (Surr)* | *118* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 19:41* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/24/23 19:41 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/20/23 14:02 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 14:02 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 14:02 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 14:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *85* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 14:02* | *1* |
| *o-Terphenyl (Surr)* | *92* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 14:02* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **175** | **F1** | 5.04 | | mg/Kg | | | 10/21/23 01:39 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 174

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-49**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 20:01 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 20:01 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 20:01 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 20:01 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 20:01 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 20:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *229* | *S1+* | *70 - 130* | *10/19/23 17:44* | *10/24/23 20:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *117* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 20:01* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 20:01 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/20/23 14:25 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 14:25 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 14:25 | 1 |
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 14:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *87* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 14:25* | *1* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 14:25* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **86.3** | | 5.05 | | mg/Kg | | | 10/21/23 01:59 | 1 |

## Client Sample ID: FL 175

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-50**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 04:32 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 04:32 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 04:32 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 04:32 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 04:32 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 04:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 04:32* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 04:32* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 175

**Lab Sample ID: 880-34567-50**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/25/23 04:32 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/20/23 14:46 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 14:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 14:46 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 14:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *97* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 14:46* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 14:46* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **172** | | 5.05 | | mg/Kg | | | 10/21/23 02:06 | 1 |

## Client Sample ID: FL 176

**Lab Sample ID: 880-34567-51**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U F2 F1 | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:30 | 1 |
| Toluene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:30 | 1 |
| Ethylbenzene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:30 | 1 |
| m,p-Xylenes | <0.00401 | U F1 | 0.00401 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:30 | 1 |
| o-Xylene | <0.00200 | U F1 | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:30 | 1 |
| Xylenes, Total | <0.00401 | U F1 | 0.00401 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *162* | *S1+* | *70 - 130* | *10/19/23 17:26* | *10/22/23 20:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *69* | *S1-* | *70 - 130* | *10/19/23 17:26* | *10/22/23 20:30* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/22/23 20:30 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/20/23 15:32 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 15:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 15:32 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 176

**Lab Sample ID: 880-34567-51**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 15:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *88* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 15:32* | *1* |
| *o-Terphenyl (Surr)* | *92* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 15:32* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **129** | | 5.04 | | mg/Kg | | | 10/21/23 02:26 | 1 |

## Client Sample ID: FL 177

**Lab Sample ID: 880-34567-52**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:57 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:57 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:57 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:57 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:57 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *204* | *S1+* | *70 - 130* | *10/19/23 17:26* | *10/22/23 20:57* | *1* |
| *1,4-Difluorobenzene (Surr)* | *85* | | *70 - 130* | *10/19/23 17:26* | *10/22/23 20:57* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 20:57 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/20/23 15:54 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 15:54 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 15:54 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 15:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *80* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 15:54* | *1* |
| *o-Terphenyl (Surr)* | *86* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 15:54* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **172** | | 5.03 | | mg/Kg | | | 10/21/23 02:32 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 178

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-53**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 21:50 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 21:50 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 21:50 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 21:50 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 21:50 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 21:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *173* | *S1+* | *70 - 130* | *10/19/23 17:26* | *10/22/23 21:50* | *1* |
| *1,4-Difluorobenzene (Surr)* | *87* | | *70 - 130* | *10/19/23 17:26* | *10/22/23 21:50* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/22/23 21:50 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/20/23 16:16 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 16:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 16:16 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 16:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *72* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 16:16* | *1* |
| *o-Terphenyl (Surr)* | *78* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 16:16* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **182** | | 5.04 | | mg/Kg | | | 10/21/23 02:39 | 1 |

## Client Sample ID: FL 179

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-54**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 22:17 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 22:17 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 22:17 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 22:17 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 22:17 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 22:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *192* | *S1+* | *70 - 130* | *10/19/23 17:26* | *10/22/23 22:17* | *1* |
| *1,4-Difluorobenzene (Surr)* | *74* | | *70 - 130* | *10/19/23 17:26* | *10/22/23 22:17* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 179

**Lab Sample ID: 880-34567-54**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/22/23 22:17 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/20/23 16:37 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 16:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 16:37 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 16:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *78* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 16:37* | *1* |
| *o-Terphenyl (Surr)* | *83* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 16:37* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **126** | | 4.96 | | mg/Kg | | | 10/21/23 02:46 | 1 |

## Client Sample ID: FL 180

**Lab Sample ID: 880-34567-55**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 22:42 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 22:42 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 22:42 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 22:42 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 22:42 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 22:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *225* | *S1+* | *70 - 130* | *10/19/23 17:26* | *10/22/23 22:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* | *10/19/23 17:26* | *10/22/23 22:42* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/22/23 22:42 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/20/23 17:00 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 17:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 17:00 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 180

**Lab Sample ID: 880-34567-55**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 17:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *78* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 17:00* | *1* |
| *o-Terphenyl (Surr)* | *84* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 17:00* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **208** | | 5.05 | | mg/Kg | | | 10/21/23 02:52 | 1 |

## Client Sample ID: FL 181

**Lab Sample ID: 880-34567-56**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:07 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:07 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:07 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:07 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:07 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *197* | *S1+* | *70 - 130* | *10/19/23 17:26* | *10/22/23 23:07* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *10/19/23 17:26* | *10/22/23 23:07* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 23:07 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/20/23 17:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 17:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 17:22 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 17:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *84* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 17:22* | *1* |
| *o-Terphenyl (Surr)* | *91* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 17:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **140** | | 4.99 | | mg/Kg | | | 10/21/23 02:59 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 182

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-57**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:33 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:33 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:33 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:33 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:33 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *181* | *S1+* | *70 - 130* | *10/19/23 17:26* | *10/22/23 23:33* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *10/19/23 17:26* | *10/22/23 23:33* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/22/23 23:33 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/20/23 17:43 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 17:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 17:43 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 17:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *97* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 17:43* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 17:43* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **147** | | 5.00 | | mg/Kg | | | 10/21/23 03:05 | 1 |

## Client Sample ID: FL 183

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-58**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:58 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:58 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:58 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:58 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:58 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 23:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *165* | *S1+* | *70 - 130* | *10/19/23 17:26* | *10/22/23 23:58* | *1* |
| *1,4-Difluorobenzene (Surr)* | *82* | | *70 - 130* | *10/19/23 17:26* | *10/22/23 23:58* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 183

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-58**
**Matrix: Solid**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 23:58 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/20/23 18:05 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 18:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 18:05 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 18:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 18:05* | *1* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 18:05* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **107** | | 5.05 | | mg/Kg | | | 10/23/23 14:15 | 1 |

## Client Sample ID: FL 184

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-59**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/23/23 00:24 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/23/23 00:24 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/23/23 00:24 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:26 | 10/23/23 00:24 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/23/23 00:24 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:26 | 10/23/23 00:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *206* | *S1+* | *70 - 130* | *10/19/23 17:26* | *10/23/23 00:24* | *1* |
| *1,4-Difluorobenzene (Surr)* | *80* | | *70 - 130* | *10/19/23 17:26* | *10/23/23 00:24* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/23/23 00:24 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/20/23 18:26 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 18:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 18:26 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 184

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-59**
**Matrix: Solid**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 18:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *102* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 18:26* | *1* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 18:26* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **116** | | 4.98 | | mg/Kg | | | 10/23/23 14:35 | 1 |

## Client Sample ID: FL 185

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-60**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/23/23 00:49 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/23/23 00:49 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/23/23 00:49 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:26 | 10/23/23 00:49 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/23/23 00:49 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:26 | 10/23/23 00:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *70 - 130* | *10/19/23 17:26* | *10/23/23 00:49* | *1* |
| *1,4-Difluorobenzene (Surr)* | *76* | | *70 - 130* | *10/19/23 17:26* | *10/23/23 00:49* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/23/23 00:49 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.5 | U | 49.5 | | mg/Kg | | | 10/20/23 18:48 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 18:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 18:48 | 1 |
| OII Range Organics (Over C28-C36) | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 18:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *107* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 18:48* | *1* |
| *o-Terphenyl (Surr)* | *115* | | *70 - 130* | *10/18/23 12:15* | *10/20/23 18:48* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **159** | | 5.05 | | mg/Kg | | | 10/23/23 14:41 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 186

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-61**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 09:04 | 10/24/23 23:39 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 09:04 | 10/24/23 23:39 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 09:04 | 10/24/23 23:39 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 09:04 | 10/24/23 23:39 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 09:04 | 10/24/23 23:39 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 09:04 | 10/24/23 23:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *76* | | *70 - 130* | *10/24/23 09:04* | *10/24/23 23:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *10/24/23 09:04* | *10/24/23 23:39* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 23:39 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/20/23 20:33 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 20:33 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 20:33 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 20:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *10/18/23 12:18* | *10/20/23 20:33* | *1* |
| *o-Terphenyl (Surr)* | *123* | | *70 - 130* | *10/18/23 12:18* | *10/20/23 20:33* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **123** | | 4.95 | | mg/Kg | | | 10/23/23 14:48 | 1 |

## Client Sample ID: FL 187

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-62**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:00 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:00 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:00 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:00 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:00 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 00:00* | *1* |
| *1,4-Difluorobenzene (Surr)* | *127* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 00:00* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 187

**Lab Sample ID: 880-34567-62**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/25/23 00:00 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/20/23 21:36 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 21:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 21:36 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 21:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *119* | | *70 - 130* | *10/18/23 12:18* | *10/20/23 21:36* | *1* |
| *o-Terphenyl (Surr)* | *129* | | *70 - 130* | *10/18/23 12:18* | *10/20/23 21:36* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **127** | | 5.01 | | mg/Kg | | | 10/23/23 14:55 | 1 |

## Client Sample ID: FL 188

**Lab Sample ID: 880-34567-63**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:20 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:20 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:20 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:20 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:20 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 00:20* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 00:20* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/25/23 00:20 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/20/23 21:57 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 21:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 21:57 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 188

**Lab Sample ID: 880-34567-63**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 21:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* | *10/18/23 12:18* | *10/20/23 21:57* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *10/18/23 12:18* | *10/20/23 21:57* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **127** | | 4.98 | | mg/Kg | | | 10/23/23 15:15 | 1 |

## Client Sample ID: FL 189

**Lab Sample ID: 880-34567-64**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:40 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:40 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:40 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:40 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:40 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 00:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 00:40* | *1* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 00:40* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/25/23 00:40 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/20/23 22:18 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 22:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 22:18 | 1 |
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 22:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *117* | | *70 - 130* | *10/18/23 12:18* | *10/20/23 22:18* | *1* |
| *o-Terphenyl (Surr)* | *126* | | *70 - 130* | *10/18/23 12:18* | *10/20/23 22:18* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **147** | | 5.01 | | mg/Kg | | | 10/23/23 15:21 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 190

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-65**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:01 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:01 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:01 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:01 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:01 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 01:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *123* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 01:01* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/25/23 01:01 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/20/23 22:39 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 22:39 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 22:39 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 22:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *111* | | *70 - 130* | *10/18/23 12:18* | *10/20/23 22:39* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *10/18/23 12:18* | *10/20/23 22:39* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **140** | | 5.00 | | mg/Kg | | | 10/23/23 15:28 | 1 |

## Client Sample ID: FL 191

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-66**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:21 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:21 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:21 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:21 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:21 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 01:21* | *1* |
| *1,4-Difluorobenzene (Surr)* | *119* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 01:21* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 191

**Lab Sample ID: 880-34567-66**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/25/23 01:21 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/20/23 23:01 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 23:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 23:01 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 23:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *91* | | *70 - 130* | *10/18/23 12:18* | *10/20/23 23:01* | *1* |
| *o-Terphenyl (Surr)* | *100* | | *70 - 130* | *10/18/23 12:18* | *10/20/23 23:01* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **142** | | 5.04 | | mg/Kg | | | 10/23/23 15:35 | 1 |

## Client Sample ID: FL 192

**Lab Sample ID: 880-34567-67**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:42 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:42 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:42 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:42 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:42 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 01:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 01:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *122* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 01:42* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/25/23 01:42 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/20/23 23:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 23:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 23:22 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 192

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-67**
**Matrix: Solid**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 23:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *10/18/23 12:18* | *10/20/23 23:22* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *10/18/23 12:18* | *10/20/23 23:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **82.9** | | 5.05 | | mg/Kg | | | 10/23/23 15:41 | 1 |

## Client Sample ID: FL 193

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-68**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:02 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:02 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:02 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:02 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:02 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 02:02* | *1* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 02:02* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/25/23 02:02 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/20/23 23:43 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 23:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 23:43 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 23:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *94* | | *70 - 130* | *10/18/23 12:18* | *10/20/23 23:43* | *1* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* | *10/18/23 12:18* | *10/20/23 23:43* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **192** | | 4.95 | | mg/Kg | | | 10/23/23 15:48 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 195

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-70**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:22 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:22 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:22 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:22 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:22 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 02:22* | *1* |
| *1,4-Difluorobenzene (Surr)* | *119* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 02:22* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/25/23 02:22 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/21/23 00:04 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 00:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 00:04 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 00:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *123* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 00:04* | *1* |
| *o-Terphenyl (Surr)* | *130* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 00:04* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **136** | | 5.00 | | mg/Kg | | | 10/23/23 16:08 | 1 |

## Client Sample ID: FL 196

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-71**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:43 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:43 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:43 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:43 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:43 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 09:04 | 10/25/23 02:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 02:43* | *1* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* | *10/24/23 09:04* | *10/25/23 02:43* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 196

**Lab Sample ID: 880-34567-71**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/25/23 02:43 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/21/23 00:26 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 00:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 00:26 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 00:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 00:26* | *1* |
| *o-Terphenyl (Surr)* | *122* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 00:26* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **163** | | 5.05 | | mg/Kg | | | 10/23/23 16:15 | 1 |

## Client Sample ID: FL 197

**Lab Sample ID: 880-34567-72**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 16:44 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 16:44 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 16:44 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 16:44 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 16:44 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 16:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *10/19/23 16:10* | *10/20/23 16:44* | *1* |
| *1,4-Difluorobenzene (Surr)* | *67* | *S1-* | *70 - 130* | *10/19/23 16:10* | *10/20/23 16:44* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/20/23 16:44 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/21/23 01:08 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 01:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 01:08 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 197

**Lab Sample ID: 880-34567-72**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 01:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *111* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 01:08* | *1* |
| *o-Terphenyl (Surr)* | *121* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 01:08* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **98.1** | | 4.99 | | mg/Kg | | | 10/23/23 16:35 | 1 |

## Client Sample ID: FL 199

**Lab Sample ID: 880-34567-74**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:05 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:05 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:05 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:05 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:05 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *10/19/23 16:10* | *10/20/23 17:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *76* | | *70 - 130* | *10/19/23 16:10* | *10/20/23 17:05* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/20/23 17:05 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/21/23 01:29 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 01:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 01:29 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 01:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *92* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 01:29* | *1* |
| *o-Terphenyl (Surr)* | *100* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 01:29* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **190** | | 4.99 | | mg/Kg | | | 10/23/23 16:41 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 200

**Lab Sample ID: 880-34567-75**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:25 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:25 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:25 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:25 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:25 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *10/19/23 16:10* | *10/20/23 17:25* | *1* |
| *1,4-Difluorobenzene (Surr)* | *74* | | *70 - 130* | *10/19/23 16:10* | *10/20/23 17:25* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/20/23 17:25 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/21/23 01:51 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 01:51 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 01:51 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 01:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *117* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 01:51* | *1* |
| *o-Terphenyl (Surr)* | *128* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 01:51* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **153** | | 4.99 | | mg/Kg | | | 10/23/23 16:48 | 1 |

## Client Sample ID: FL 201

**Lab Sample ID: 880-34567-76**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:46 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:46 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:46 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:46 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:46 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 17:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *70 - 130* | *10/19/23 16:10* | *10/20/23 17:46* | *1* |
| *1,4-Difluorobenzene (Surr)* | *63* | *S1-* | *70 - 130* | *10/19/23 16:10* | *10/20/23 17:46* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 201

**Lab Sample ID: 880-34567-76**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/20/23 17:46 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/21/23 02:12 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 02:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 02:12 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 02:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 02:12* | *1* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 02:12* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **99.6** | | 5.04 | | mg/Kg | | | 10/23/23 16:55 | 1 |

## Client Sample ID: FL 202

**Lab Sample ID: 880-34567-77**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:06 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:06 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:06 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:06 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:06 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *10/19/23 16:10* | *10/20/23 18:06* | *1* |
| *1,4-Difluorobenzene (Surr)* | *65* | *S1-* | *70 - 130* | *10/19/23 16:10* | *10/20/23 18:06* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/20/23 18:06 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/21/23 02:34 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 02:34 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 02:34 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 202

**Lab Sample ID: 880-34567-77**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 02:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 02:34* | *1* |
| *o-Terphenyl (Surr)* | *121* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 02:34* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **148** | | 5.05 | | mg/Kg | | | 10/23/23 17:02 | 1 |

## Client Sample ID: FL 203

**Lab Sample ID: 880-34567-78**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:27 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:27 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:27 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:27 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:27 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *10/19/23 16:10* | *10/20/23 18:27* | *1* |
| *1,4-Difluorobenzene (Surr)* | *73* | | *70 - 130* | *10/19/23 16:10* | *10/20/23 18:27* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/20/23 18:27 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/21/23 02:55 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 02:55 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 02:55 | 1 |
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 02:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *110* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 02:55* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 02:55* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **169** | **F1** | 5.02 | | mg/Kg | | | 10/22/23 18:37 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 204

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-79**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:47 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:47 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:47 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:47 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:47 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 18:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *10/19/23 16:10* | *10/20/23 18:47* | *1* |
| *1,4-Difluorobenzene (Surr)* | *54* | *S1-* | *70 - 130* | *10/19/23 16:10* | *10/20/23 18:47* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/20/23 18:47 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/21/23 03:16 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 03:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 03:16 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 03:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *110* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 03:16* | *1* |
| *o-Terphenyl (Surr)* | *118* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 03:16* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **139** | | 5.02 | | mg/Kg | | | 10/22/23 18:57 | 1 |

## Client Sample ID: FL 205

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-80**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 19:08 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 19:08 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 19:08 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 19:08 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 19:08 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 19:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *84* | | *70 - 130* | *10/19/23 16:10* | *10/20/23 19:08* | *1* |
| *1,4-Difluorobenzene (Surr)* | *83* | | *70 - 130* | *10/19/23 16:10* | *10/20/23 19:08* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 205

**Lab Sample ID: 880-34567-80**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/20/23 19:08 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/21/23 03:37 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 03:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 03:37 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 03:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 03:37* | *1* |
| *o-Terphenyl (Surr)* | *114* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 03:37* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **151** | | 4.97 | | mg/Kg | | | 10/22/23 19:03 | 1 |

## Client Sample ID: FL 206

**Lab Sample ID: 880-34567-81**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 19:28 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 19:28 | 1 |
| **Ethylbenzene** | **0.00383** | | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 19:28 | 1 |
| **m,p-Xylenes** | **0.0106** | | 0.00401 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 19:28 | 1 |
| **o-Xylene** | **0.00467** | | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 19:28 | 1 |
| **Xylenes, Total** | **0.0153** | | 0.00401 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 19:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *65* | *S1-* | *70 - 130* | *10/19/23 16:10* | *10/20/23 19:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *89* | | *70 - 130* | *10/19/23 16:10* | *10/20/23 19:28* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Total BTEX** | **0.0191** | | 0.00401 | | mg/Kg | | | 10/20/23 19:28 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/19/23 23:33 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 23:33 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 23:33 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 206

**Lab Sample ID: 880-34567-81**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 23:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *105* | | *70 - 130* | *10/19/23 14:03* | *10/19/23 23:33* | *1* |
| *o-Terphenyl (Surr)* | *110* | | *70 - 130* | *10/19/23 14:03* | *10/19/23 23:33* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **263** | | 5.05 | | mg/Kg | | | 10/22/23 19:10 | 1 |

## Client Sample ID: FL 207

**Lab Sample ID: 880-34567-82**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:07 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:07 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:07 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:07 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:07 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *84* | | *70 - 130* | *10/20/23 14:22* | *10/21/23 11:07* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *10/20/23 14:22* | *10/21/23 11:07* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/21/23 11:07 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/19/23 23:56 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 23:56 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 23:56 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 23:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *99* | | *70 - 130* | *10/19/23 14:03* | *10/19/23 23:56* | *1* |
| *o-Terphenyl (Surr)* | *100* | | *70 - 130* | *10/19/23 14:03* | *10/19/23 23:56* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **142** | | 5.01 | | mg/Kg | | | 10/22/23 19:17 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 208

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-83**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:28 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:28 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:28 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:28 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:28 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *70 - 130* | *10/20/23 14:22* | *10/21/23 11:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *113* | | *70 - 130* | *10/20/23 14:22* | *10/21/23 11:28* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/21/23 11:28 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/21/23 03:58 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 03:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 03:58 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 03:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 03:58* | *1* |
| *o-Terphenyl (Surr)* | *123* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 03:58* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **157** | | 5.02 | | mg/Kg | | | 10/22/23 19:37 | 1 |

## Client Sample ID: FL 209

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-84**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:48 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:48 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:48 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:48 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:48 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 11:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *10/20/23 14:22* | *10/21/23 11:48* | *1* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* | *10/20/23 14:22* | *10/21/23 11:48* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 209

**Lab Sample ID: 880-34567-84**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/21/23 11:48 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/21/23 04:19 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 04:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 04:19 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:18 | 10/21/23 04:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 04:19* | *1* |
| *o-Terphenyl (Surr)* | *115* | | *70 - 130* | *10/18/23 12:18* | *10/21/23 04:19* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **87.8** | | 5.03 | | mg/Kg | | | 10/22/23 19:43 | 1 |

## Client Sample ID: FL 210

**Lab Sample ID: 880-34567-85**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 12:09 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 12:09 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 12:09 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 12:09 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 12:09 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 12:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *84* | | *70 - 130* | *10/20/23 14:22* | *10/21/23 12:09* | *1* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* | *10/20/23 14:22* | *10/21/23 12:09* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/21/23 12:09 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/20/23 00:18 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 00:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 00:18 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

**Client Sample ID: FL 210**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-85**
**Matrix: Solid**

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 00:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *105* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 00:18* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 00:18* | *1* |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **141** | | 5.04 | | mg/Kg | | | 10/22/23 19:50 | 1 |

# Surrogate Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| Lab Sample ID | Client Sample ID | BFB1 (70-130) | DFBZ1 (70-130) |
| 880-34567-1 | FL 126 | 186 S1+ | 85 |
| 880-34567-1 MS | FL 126 | 136 S1+ | 112 |
| 880-34567-1 MSD | FL 126 | 133 S1+ | 70 |
| 880-34567-2 | FL 127 | 158 S1+ | 71 |
| 880-34567-3 | FL 128 | 191 S1+ | 92 |
| 880-34567-4 | FL 129 | 188 S1+ | 86 |
| 880-34567-5 | FL 130 | 78 | 76 |
| 880-34567-6 | FL 131 | 195 S1+ | 90 |
| 880-34567-7 | FL 132 | 161 S1+ | 84 |
| 880-34567-8 | FL 133 | 199 S1+ | 90 |
| 880-34567-9 | FL 134 | 138 S1+ | 86 |
| 880-34567-10 | FL 135 | 157 S1+ | 97 |
| 880-34567-11 | FL 136 | 140 S1+ | 88 |
| 880-34567-12 | FL 137 | 180 S1+ | 104 |
| 880-34567-13 | FL 138 | 131 S1+ | 85 |
| 880-34567-14 | FL 139 | 178 S1+ | 74 |
| 880-34567-15 | FL 140 | 178 S1+ | 89 |
| 880-34567-16 | FL 141 | 167 S1+ | 107 |
| 880-34567-17 | FL 142 | 191 S1+ | 87 |
| 880-34567-18 | FL 143 | 148 S1+ | 82 |
| 880-34567-19 | FL 144 | 95 | 101 |
| 880-34567-20 | FL 145 | 102 | 100 |
| 880-34567-21 | FL 146 | 154 S1+ | 81 |
| 880-34567-21 MS | FL 146 | 155 S1+ | 77 |
| 880-34567-21 MSD | FL 146 | 181 S1+ | 87 |
| 880-34567-22 | FL 147 | 215 S1+ | 88 |
| 880-34567-23 | FL 148 | 115 | 92 |
| 880-34567-24 | FL 149 | 132 S1+ | 81 |
| 880-34567-25 | FL 150 | 87 | 75 |
| 880-34567-26 | FL 151 | 175 S1+ | 84 |
| 880-34567-27 | FL 152 | 193 S1+ | 88 |
| 880-34567-28 | FL 153 | 192 S1+ | 88 |
| 880-34567-29 | FL 154 | 151 S1+ | 81 |
| 880-34567-30 | FL 155 | 174 S1+ | 79 |
| 880-34567-31 | FL 156 | 176 S1+ | 98 |
| 880-34567-32 | FL 157 | 174 S1+ | 83 |
| 880-34567-33 | FL 158 | 217 S1+ | 107 |
| 880-34567-34 | FL 159 | 247 S1+ | 109 |
| 880-34567-35 | FL 160 | 204 S1+ | 90 |
| 880-34567-36 | FL 161 | 198 S1+ | 80 |
| 880-34567-37 | FL 162 | 244 S1+ | 116 |
| 880-34567-38 | FL 163 | 163 S1+ | 71 |
| 880-34567-39 | FL 164 | 198 S1+ | 96 |
| 880-34567-40 | FL 165 | 169 S1+ | 71 |
| 880-34567-41 | FL 166 | 90 | 106 |
| 880-34567-42 | FL 167 | 94 | 108 |
| 880-34567-43 | FL 168 | 60 S1- | 89 |
| 880-34567-44 | FL 169 | 90 | 118 |
| 880-34567-45 | FL 170 | 98 | 101 |

# Surrogate Summary

Client: Hungry Horse LLC Job ID: 880-34567-1
Project/Site: J3 Pit

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

**Matrix: Solid** **Prep Type: Total/NA**

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130) | DFBZ1 (70-130) |
|---|---|---|---|
| 880-34567-46 | FL 171 | 102 | 115 |
| 880-34567-47 | FL 172 | 162 S1+ | 129 |
| 880-34567-48 | FL 173 | 94 | 118 |
| 880-34567-49 | FL 174 | 229 S1+ | 117 |
| 880-34567-50 | FL 175 | 80 | 106 |
| 880-34567-51 | FL 176 | 162 S1+ | 69 S1- |
| 880-34567-51 MS | FL 176 | 236 S1+ | 85 |
| 880-34567-51 MSD | FL 176 | 216 S1+ | 97 |
| 880-34567-52 | FL 177 | 204 S1+ | 85 |
| 880-34567-53 | FL 178 | 173 S1+ | 87 |
| 880-34567-54 | FL 179 | 192 S1+ | 74 |
| 880-34567-55 | FL 180 | 225 S1+ | 86 |
| 880-34567-56 | FL 181 | 197 S1+ | 96 |
| 880-34567-57 | FL 182 | 181 S1+ | 92 |
| 880-34567-58 | FL 183 | 165 S1+ | 82 |
| 880-34567-59 | FL 184 | 206 S1+ | 80 |
| 880-34567-60 | FL 185 | 90 | 76 |
| 880-34567-61 | FL 186 | 76 | 104 |
| 880-34567-61 MS | FL 186 | 80 | 103 |
| 880-34567-61 MSD | FL 186 | 90 | 104 |
| 880-34567-62 | FL 187 | 89 | 127 |
| 880-34567-63 | FL 188 | 97 | 111 |
| 880-34567-64 | FL 189 | 92 | 109 |
| 880-34567-65 | FL 190 | 99 | 123 |
| 880-34567-66 | FL 191 | 97 | 119 |
| 880-34567-67 | FL 192 | 91 | 122 |
| 880-34567-68 | FL 193 | 94 | 114 |
| 880-34567-70 | FL 195 | 97 | 119 |
| 880-34567-71 | FL 196 | 88 | 112 |
| 880-34567-72 | FL 197 | 97 | 67 S1- |
| 880-34567-74 | FL 199 | 96 | 76 |
| 880-34567-75 | FL 200 | 96 | 74 |
| 880-34567-76 | FL 201 | 92 | 63 S1- |
| 880-34567-77 | FL 202 | 97 | 65 S1- |
| 880-34567-78 | FL 203 | 98 | 73 |
| 880-34567-79 | FL 204 | 95 | 54 S1- |
| 880-34567-80 | FL 205 | 84 | 83 |
| 880-34567-81 | FL 206 | 65 S1- | 89 |
| 880-34567-82 | FL 207 | 84 | 98 |
| 880-34567-82 MS | FL 207 | 102 | 101 |
| 880-34567-82 MSD | FL 207 | 99 | 102 |
| 880-34567-83 | FL 208 | 91 | 113 |
| 880-34567-84 | FL 209 | 95 | 109 |
| 880-34567-85 | FL 210 | 84 | 112 |
| LCS 880-64996/1-A | Lab Control Sample | 131 S1+ | 69 S1- |
| LCS 880-64997/1-A | Lab Control Sample | 158 S1+ | 83 |
| LCS 880-65105/1-A | Lab Control Sample | 119 | 111 |
| LCS 880-65117/1-A | Lab Control Sample | 145 S1+ | 69 S1- |
| LCS 880-65120/1-A | Lab Control Sample | 98 | 115 |
| LCS 880-65159/1-A | Lab Control Sample | 96 | 101 |

# Surrogate Summary

Client: Hungry Horse LLC Job ID: 880-34567-1
Project/Site: J3 Pit

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

**Matrix: Solid** **Prep Type: Total/NA**

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130) | DFBZ1 (70-130) |
|---|---|---|---|
| LCS 880-65447/1-A | Lab Control Sample | 79 | 117 |
| LCSD 880-64996/2-A | Lab Control Sample Dup | 127 | 67 S1- |
| LCSD 880-64997/2-A | Lab Control Sample Dup | 194 S1+ | 69 S1- |
| LCSD 880-65105/2-A | Lab Control Sample Dup | 129 | 111 |
| LCSD 880-65117/2-A | Lab Control Sample Dup | 149 S1+ | 111 |
| LCSD 880-65120/2-A | Lab Control Sample Dup | 111 | 101 |
| LCSD 880-65159/2-A | Lab Control Sample Dup | 101 | 110 |
| LCSD 880-65447/2-A | Lab Control Sample Dup | 84 | 112 |
| MB 880-64995/5-A | Method Blank | 107 | 87 |
| MB 880-64996/5-A | Method Blank | 94 | 87 |
| MB 880-64997/5-A | Method Blank | 86 | 98 |
| MB 880-65105/5-A | Method Blank | 79 | 92 |
| MB 880-65117/5-A | Method Blank | 105 | 82 |
| MB 880-65120/5-A | Method Blank | 115 | 144 S1+ |
| MB 880-65159/5-A | Method Blank | 108 | 134 S1+ |
| MB 880-65235/5-A | Method Blank | 109 | 147 S1+ |
| MB 880-65447/5-A | Method Blank | 109 | 157 S1+ |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

**Matrix: Solid** **Prep Type: Total/NA**

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130) | OTPH1 (70-130) |
|---|---|---|---|
| 880-34567-1 | FL 126 | 133 S1+ | 107 |
| 880-34567-1 MS | FL 126 | 116 | 83 |
| 880-34567-1 MSD | FL 126 | 132 S1+ | 95 |
| 880-34567-2 | FL 127 | 133 S1+ | 106 |
| 880-34567-3 | FL 128 | 126 | 100 |
| 880-34567-4 | FL 129 | 118 | 95 |
| 880-34567-5 | FL 130 | 126 | 102 |
| 880-34567-6 | FL 131 | 131 S1+ | 105 |
| 880-34567-7 | FL 132 | 121 | 96 |
| 880-34567-8 | FL 133 | 136 S1+ | 110 |
| 880-34567-9 | FL 134 | 124 | 101 |
| 880-34567-10 | FL 135 | 128 | 101 |
| 880-34567-11 | FL 136 | 133 S1+ | 107 |
| 880-34567-12 | FL 137 | 117 | 95 |
| 880-34567-13 | FL 138 | 111 | 90 |
| 880-34567-14 | FL 139 | 146 S1+ | 119 |
| 880-34567-15 | FL 140 | 128 | 104 |
| 880-34567-16 | FL 141 | 112 | 92 |
| 880-34567-17 | FL 142 | 118 | 94 |
| 880-34567-18 | FL 143 | 119 | 96 |
| 880-34567-19 | FL 144 | 120 | 95 |
| 880-34567-20 | FL 145 | 130 | 107 |
| 880-34567-21 | FL 146 | 86 | 88 |

# Surrogate Summary

Client: Hungry Horse LLC Job ID: 880-34567-1
Project/Site: J3 Pit

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) | | | | | | | | |
| 880-34567-21 MS | FL 146 | 114 | 103 | | | | | | | | |
| 880-34567-21 MSD | FL 146 | 92 | 85 | | | | | | | | |
| 880-34567-22 | FL 147 | 98 | 97 | | | | | | | | |
| 880-34567-23 | FL 148 | 94 | 96 | | | | | | | | |
| 880-34567-24 | FL 149 | 83 | 85 | | | | | | | | |
| 880-34567-25 | FL 150 | 96 | 96 | | | | | | | | |
| 880-34567-26 | FL 151 | 84 | 86 | | | | | | | | |
| 880-34567-27 | FL 152 | 101 | 104 | | | | | | | | |
| 880-34567-28 | FL 153 | 92 | 95 | | | | | | | | |
| 880-34567-29 | FL 154 | 100 | 101 | | | | | | | | |
| 880-34567-30 | FL 155 | 101 | 104 | | | | | | | | |
| 880-34567-31 | FL 156 | 90 | 92 | | | | | | | | |
| 880-34567-32 | FL 157 | 86 | 87 | | | | | | | | |
| 880-34567-33 | FL 158 | 104 | 104 | | | | | | | | |
| 880-34567-34 | FL 159 | 100 | 101 | | | | | | | | |
| 880-34567-35 | FL 160 | 101 | 101 | | | | | | | | |
| 880-34567-36 | FL 161 | 83 | 84 | | | | | | | | |
| 880-34567-37 | FL 162 | 93 | 96 | | | | | | | | |
| 880-34567-38 | FL 163 | 86 | 89 | | | | | | | | |
| 880-34567-39 | FL 164 | 101 | 103 | | | | | | | | |
| 880-34567-40 | FL 165 | 87 | 91 | | | | | | | | |
| 880-34567-41 | FL 166 | 100 | 109 | | | | | | | | |
| 880-34567-41 MS | FL 166 | 112 | 107 | | | | | | | | |
| 880-34567-41 MSD | FL 166 | 110 | 104 | | | | | | | | |
| 880-34567-42 | FL 167 | 88 | 95 | | | | | | | | |
| 880-34567-43 | FL 168 | 79 | 85 | | | | | | | | |
| 880-34567-44 | FL 169 | 96 | 102 | | | | | | | | |
| 880-34567-45 | FL 170 | 92 | 98 | | | | | | | | |
| 880-34567-46 | FL 171 | 86 | 93 | | | | | | | | |
| 880-34567-47 | FL 172 | 101 | 110 | | | | | | | | |
| 880-34567-48 | FL 173 | 85 | 92 | | | | | | | | |
| 880-34567-49 | FL 174 | 87 | 96 | | | | | | | | |
| 880-34567-50 | FL 175 | 97 | 103 | | | | | | | | |
| 880-34567-51 | FL 176 | 88 | 92 | | | | | | | | |
| 880-34567-52 | FL 177 | 80 | 86 | | | | | | | | |
| 880-34567-53 | FL 178 | 72 | 78 | | | | | | | | |
| 880-34567-54 | FL 179 | 78 | 83 | | | | | | | | |
| 880-34567-55 | FL 180 | 78 | 84 | | | | | | | | |
| 880-34567-56 | FL 181 | 84 | 91 | | | | | | | | |
| 880-34567-57 | FL 182 | 97 | 104 | | | | | | | | |
| 880-34567-58 | FL 183 | 98 | 108 | | | | | | | | |
| 880-34567-59 | FL 184 | 102 | 111 | | | | | | | | |
| 880-34567-60 | FL 185 | 107 | 115 | | | | | | | | |
| 880-34567-61 | FL 186 | 113 | 123 | | | | | | | | |
| 880-34567-61 MS | FL 186 | 121 | 116 | | | | | | | | |
| 880-34567-61 MSD | FL 186 | 107 | 103 | | | | | | | | |
| 880-34567-62 | FL 187 | 119 | 129 | | | | | | | | |
| 880-34567-63 | FL 188 | 116 | 125 | | | | | | | | |
| 880-34567-64 | FL 189 | 117 | 126 | | | | | | | | |
| 880-34567-65 | FL 190 | 111 | 120 | | | | | | | | |

# Surrogate Summary

Client: Hungry Horse LLC Job ID: 880-34567-1
Project/Site: J3 Pit

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1CO1 | OTPH1 | | | | | | | | | | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | | | | | | | | | | |
| 880-34567-66 | FL 191 | 91 | 100 | | | | | | | | | | |
| 880-34567-67 | FL 192 | 112 | 120 | | | | | | | | | | |
| 880-34567-68 | FL 193 | 94 | 102 | | | | | | | | | | |
| 880-34567-70 | FL 195 | 123 | 130 | | | | | | | | | | |
| 880-34567-71 | FL 196 | 112 | 122 | | | | | | | | | | |
| 880-34567-72 | FL 197 | 111 | 121 | | | | | | | | | | |
| 880-34567-74 | FL 199 | 92 | 100 | | | | | | | | | | |
| 880-34567-75 | FL 200 | 117 | 128 | | | | | | | | | | |
| 880-34567-76 | FL 201 | 104 | 111 | | | | | | | | | | |
| 880-34567-77 | FL 202 | 113 | 121 | | | | | | | | | | |
| 880-34567-78 | FL 203 | 110 | 120 | | | | | | | | | | |
| 880-34567-79 | FL 204 | 110 | 118 | | | | | | | | | | |
| 880-34567-80 | FL 205 | 104 | 114 | | | | | | | | | | |
| 880-34567-81 | FL 206 | 105 | 110 | | | | | | | | | | |
| 880-34567-82 | FL 207 | 99 | 100 | | | | | | | | | | |
| 880-34567-83 | FL 208 | 112 | 123 | | | | | | | | | | |
| 880-34567-84 | FL 209 | 106 | 115 | | | | | | | | | | |
| 880-34567-85 | FL 210 | 105 | 107 | | | | | | | | | | |
| LCS 880-64960/2-A | Lab Control Sample | 82 | 76 | | | | | | | | | | |
| LCS 880-64966/2-A | Lab Control Sample | 82 | 81 | | | | | | | | | | |
| LCS 880-64971/2-A | Lab Control Sample | 84 | 90 | | | | | | | | | | |
| LCS 880-64972/2-A | Lab Control Sample | 91 | 97 | | | | | | | | | | |
| LCS 880-65061/2-A | Lab Control Sample | 83 | 82 | | | | | | | | | | |
| LCSD 880-64960/3-A | Lab Control Sample Dup | 76 | 69 S1- | | | | | | | | | | |
| LCSD 880-64966/3-A | Lab Control Sample Dup | 101 | 100 | | | | | | | | | | |
| LCSD 880-64971/3-A | Lab Control Sample Dup | 96 | 105 | | | | | | | | | | |
| LCSD 880-64972/3-A | Lab Control Sample Dup | 102 | 111 | | | | | | | | | | |
| LCSD 880-65061/3-A | Lab Control Sample Dup | 82 | 83 | | | | | | | | | | |
| MB 880-64960/1-A | Method Blank | 215 S1+ | 189 S1+ | | | | | | | | | | |
| MB 880-64966/1-A | Method Blank | 151 S1+ | 161 S1+ | | | | | | | | | | |
| MB 880-64971/1-A | Method Blank | 141 S1+ | 159 S1+ | | | | | | | | | | |
| MB 880-64972/1-A | Method Blank | 146 S1+ | 166 S1+ | | | | | | | | | | |
| MB 880-65061/1-A | Method Blank | 136 S1+ | 146 S1+ | | | | | | | | | | |

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: MB 880-64995/5-A**
**Matrix: Solid**
**Analysis Batch: 65272**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64995**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 06:31 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 06:31 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 06:31 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 06:31 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 06:31 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 14:55 | 10/22/23 06:31 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *10/18/23 14:55* | *10/22/23 06:31* | *1* |
| *1,4-Difluorobenzene (Surr)* | *87* | | *70 - 130* | *10/18/23 14:55* | *10/22/23 06:31* | *1* |

**Lab Sample ID: MB 880-64996/5-A**
**Matrix: Solid**
**Analysis Batch: 65137**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64996**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 11:35 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 11:35 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 11:35 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 11:35 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 11:35 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 15:10 | 10/20/23 11:35 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 11:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *87* | | *70 - 130* | *10/18/23 15:10* | *10/20/23 11:35* | *1* |

**Lab Sample ID: LCS 880-64996/1-A**
**Matrix: Solid**
**Analysis Batch: 65137**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64996**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1011 | | mg/Kg | | 101 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1109 | | mg/Kg | | 111 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1123 | | mg/Kg | | 112 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2161 | | mg/Kg | | 108 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1095 | | mg/Kg | | 109 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *131* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *69* | *S1-* | *70 - 130* |

**Lab Sample ID: LCSD 880-64996/2-A**
**Matrix: Solid**
**Analysis Batch: 65137**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64996**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1061 | | mg/Kg | | 106 | 70 - 130 | 5 | 35 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: LCSD 880-64996/2-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65137** — **Prep Batch: 64996**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | | | 0.100 | 0.1083 | | mg/Kg | | 108 | 70 - 130 | 2 | 35 |
| Ethylbenzene | | | 0.100 | 0.1150 | | mg/Kg | | 115 | 70 - 130 | 2 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2229 | | mg/Kg | | 111 | 70 - 130 | 3 | 35 |
| o-Xylene | | | 0.100 | 0.1193 | | mg/Kg | | 119 | 70 - 130 | 9 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *127* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *67* | *S1-* | *70 - 130* |

**Lab Sample ID: 880-34567-1 MS** — **Client Sample ID: FL 126**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65137** — **Prep Batch: 64996**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.0998 | 0.1091 | | mg/Kg | | 109 | 70 - 130 |
| Toluene | <0.00199 | U | 0.0998 | 0.1202 | | mg/Kg | | 120 | 70 - 130 |
| Ethylbenzene | <0.00199 | U | 0.0998 | 0.1232 | | mg/Kg | | 123 | 70 - 130 |
| m,p-Xylenes | <0.00398 | U | 0.200 | 0.2362 | | mg/Kg | | 118 | 70 - 130 |
| o-Xylene | <0.00199 | U | 0.0998 | 0.1222 | | mg/Kg | | 122 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *136* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* |

**Lab Sample ID: 880-34567-1 MSD** — **Client Sample ID: FL 126**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65137** — **Prep Batch: 64996**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.0996 | 0.09134 | | mg/Kg | | 92 | 70 - 130 | 18 | 35 |
| Toluene | <0.00199 | U | 0.0996 | 0.1128 | | mg/Kg | | 113 | 70 - 130 | 6 | 35 |
| Ethylbenzene | <0.00199 | U | 0.0996 | 0.1092 | | mg/Kg | | 110 | 70 - 130 | 12 | 35 |
| m,p-Xylenes | <0.00398 | U | 0.199 | 0.2110 | | mg/Kg | | 106 | 70 - 130 | 11 | 35 |
| o-Xylene | <0.00199 | U | 0.0996 | 0.1111 | | mg/Kg | | 112 | 70 - 130 | 10 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *133* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *70* | | *70 - 130* |

**Lab Sample ID: MB 880-64997/5-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65272** — **Prep Batch: 64997**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:13 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:13 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:13 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:13 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: MB 880-64997/5-A**
**Matrix: Solid**
**Analysis Batch: 65272**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64997**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:13 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/18/23 15:11 | 10/21/23 17:13 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 17:13* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *10/18/23 15:11* | *10/21/23 17:13* | *1* |

**Lab Sample ID: LCS 880-64997/1-A**
**Matrix: Solid**
**Analysis Batch: 65272**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64997**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1036 | | mg/Kg | | 104 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1115 | | mg/Kg | | 112 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.09665 | | mg/Kg | | 97 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.1912 | | mg/Kg | | 96 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1075 | | mg/Kg | | 108 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *158* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *83* | | *70 - 130* |

**Lab Sample ID: LCSD 880-64997/2-A**
**Matrix: Solid**
**Analysis Batch: 65272**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64997**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1243 | | mg/Kg | | 124 | 70 - 130 | 18 | 35 |
| Toluene | | | 0.100 | 0.1270 | | mg/Kg | | 127 | 70 - 130 | 13 | 35 |
| Ethylbenzene | | | 0.100 | 0.1197 | | mg/Kg | | 120 | 70 - 130 | 21 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2429 | | mg/Kg | | 121 | 70 - 130 | 24 | 35 |
| o-Xylene | | | 0.100 | 0.1291 | | mg/Kg | | 129 | 70 - 130 | 18 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *194* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *69* | *S1-* | *70 - 130* |

**Lab Sample ID: 880-34567-21 MS**
**Matrix: Solid**
**Analysis Batch: 65272**

**Client Sample ID: FL 146**
**Prep Type: Total/NA**
**Prep Batch: 64997**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.0996 | 0.09882 | | mg/Kg | | 99 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.0996 | 0.1072 | | mg/Kg | | 108 | 70 - 130 | | |
| Ethylbenzene | <0.00200 | U | 0.0996 | 0.09452 | | mg/Kg | | 95 | 70 - 130 | | |
| m,p-Xylenes | <0.00401 | U F1 | 0.199 | 0.1094 | F1 | mg/Kg | | 55 | 70 - 130 | | |
| o-Xylene | <0.00200 | U | 0.0996 | 0.1026 | | mg/Kg | | 103 | 70 - 130 | | |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: 880-34567-21 MS**
**Matrix: Solid**
**Analysis Batch: 65272**

**Client Sample ID: FL 146**
**Prep Type: Total/NA**
**Prep Batch: 64997**

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 155 | S1+ | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 77 | | 70 - 130 |

**Lab Sample ID: 880-34567-21 MSD**
**Matrix: Solid**
**Analysis Batch: 65272**

**Client Sample ID: FL 146**
**Prep Type: Total/NA**
**Prep Batch: 64997**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.0990 | 0.09932 | | mg/Kg | | 100 | 70 - 130 | 0 | 35 |
| Toluene | <0.00200 | U | 0.0990 | 0.1072 | | mg/Kg | | 108 | 70 - 130 | 0 | 35 |
| Ethylbenzene | <0.00200 | U | 0.0990 | 0.08750 | | mg/Kg | | 88 | 70 - 130 | 8 | 35 |
| m,p-Xylenes | <0.00401 | U F1 | 0.198 | 0.1068 | F1 | mg/Kg | | 54 | 70 - 130 | 2 | 35 |
| o-Xylene | <0.00200 | U | 0.0990 | 0.1131 | | mg/Kg | | 114 | 70 - 130 | 10 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 181 | S1+ | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 87 | | 70 - 130 |

**Lab Sample ID: MB 880-65105/5-A**
**Matrix: Solid**
**Analysis Batch: 65136**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65105**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 10:53 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 10:53 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 10:53 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 10:53 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 10:53 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 16:10 | 10/20/23 10:53 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 79 | | 70 - 130 | 10/19/23 16:10 | 10/20/23 10:53 | 1 |
| 1,4-Difluorobenzene (Surr) | 92 | | 70 - 130 | 10/19/23 16:10 | 10/20/23 10:53 | 1 |

**Lab Sample ID: LCS 880-65105/1-A**
**Matrix: Solid**
**Analysis Batch: 65136**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65105**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1095 | | mg/Kg | | 110 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1033 | | mg/Kg | | 103 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1042 | | mg/Kg | | 104 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2265 | | mg/Kg | | 113 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1188 | | mg/Kg | | 119 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 119 | | 70 - 130 |

Eurofins Midland

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: LCS 880-65105/1-A**
**Matrix: Solid**
**Analysis Batch: 65136**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65105**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1,4-Difluorobenzene (Surr) | 111 | | 70 - 130 |

**Lab Sample ID: LCSD 880-65105/2-A**
**Matrix: Solid**
**Analysis Batch: 65136**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65105**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1107 | | mg/Kg | | 111 | 70 - 130 | 1 | 35 |
| Toluene | | | 0.100 | 0.1076 | | mg/Kg | | 108 | 70 - 130 | 4 | 35 |
| Ethylbenzene | | | 0.100 | 0.1105 | | mg/Kg | | 110 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2468 | | mg/Kg | | 123 | 70 - 130 | 9 | 35 |
| o-Xylene | | | 0.100 | 0.1279 | | mg/Kg | | 128 | 70 - 130 | 7 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 129 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 111 | | 70 - 130 |

**Lab Sample ID: MB 880-65117/5-A**
**Matrix: Solid**
**Analysis Batch: 65272**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65117**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:03 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:03 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:03 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:03 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:03 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:26 | 10/22/23 20:03 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 | 10/19/23 17:26 | 10/22/23 20:03 | 1 |
| 1,4-Difluorobenzene (Surr) | 82 | | 70 - 130 | 10/19/23 17:26 | 10/22/23 20:03 | 1 |

**Lab Sample ID: LCS 880-65117/1-A**
**Matrix: Solid**
**Analysis Batch: 65272**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65117**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1015 | | mg/Kg | | 102 | 70 - 130 |
| Toluene | | | 0.100 | 0.1092 | | mg/Kg | | 109 | 70 - 130 |
| Ethylbenzene | | | 0.100 | 0.1034 | | mg/Kg | | 103 | 70 - 130 |
| m,p-Xylenes | | | 0.200 | 0.1995 | | mg/Kg | | 100 | 70 - 130 |
| o-Xylene | | | 0.100 | 0.1022 | | mg/Kg | | 102 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 145 | S1+ | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 69 | S1- | 70 - 130 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: LCSD 880-65117/2-A**
**Matrix: Solid**
**Analysis Batch: 65272**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65117**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1074 | | mg/Kg | | 107 | 70 - 130 | 6 | 35 |
| Toluene | | | 0.100 | 0.1100 | | mg/Kg | | 110 | 70 - 130 | 1 | 35 |
| Ethylbenzene | | | 0.100 | 0.1107 | | mg/Kg | | 111 | 70 - 130 | 7 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2139 | | mg/Kg | | 107 | 70 - 130 | 7 | 35 |
| o-Xylene | | | 0.100 | 0.1188 | | mg/Kg | | 119 | 70 - 130 | 15 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *149* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* |

**Lab Sample ID: 880-34567-51 MS**
**Matrix: Solid**
**Analysis Batch: 65272**

**Client Sample ID: FL 176**
**Prep Type: Total/NA**
**Prep Batch: 65117**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U F2 F1 | 0.0996 | 0.009110 | F1 | mg/Kg | | 9 | 70 - 130 |
| Toluene | <0.00200 | U F1 | 0.0996 | 0.007244 | F1 | mg/Kg | | 7 | 70 - 130 |
| Ethylbenzene | <0.00200 | U F1 | 0.0996 | 0.007264 | F1 | mg/Kg | | 7 | 70 - 130 |
| m,p-Xylenes | <0.00401 | U F1 | 0.199 | 0.01143 | F1 | mg/Kg | | 6 | 70 - 130 |
| o-Xylene | <0.00200 | U F1 | 0.0996 | 0.008223 | F1 | mg/Kg | | 8 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *236* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *85* | | *70 - 130* |

**Lab Sample ID: 880-34567-51 MSD**
**Matrix: Solid**
**Analysis Batch: 65272**

**Client Sample ID: FL 176**
**Prep Type: Total/NA**
**Prep Batch: 65117**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U F2 F1 | 0.0990 | 0.006239 | F2 F1 | mg/Kg | | 6 | 70 - 130 | 37 | 35 |
| Toluene | <0.00200 | U F1 | 0.0990 | 0.007296 | F1 | mg/Kg | | 7 | 70 - 130 | 1 | 35 |
| Ethylbenzene | <0.00200 | U F1 | 0.0990 | 0.007568 | F1 | mg/Kg | | 8 | 70 - 130 | 4 | 35 |
| m,p-Xylenes | <0.00401 | U F1 | 0.198 | 0.008405 | F1 | mg/Kg | | 4 | 70 - 130 | 31 | 35 |
| o-Xylene | <0.00200 | U F1 | 0.0990 | 0.006656 | F1 | mg/Kg | | 7 | 70 - 130 | 21 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *216* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* |

**Lab Sample ID: MB 880-65120/5-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: MB 880-65120/5-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *115* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 11:34* | *1* |
| *1,4-Difluorobenzene (Surr)* | *144* | *S1+* | *70 - 130* | *10/19/23 17:44* | *10/24/23 11:34* | *1* |

**Lab Sample ID: LCS 880-65120/1-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1142 | | mg/Kg | | 114 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.09553 | | mg/Kg | | 96 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.09538 | | mg/Kg | | 95 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2179 | | mg/Kg | | 109 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1048 | | mg/Kg | | 105 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *115* | | *70 - 130* |

**Lab Sample ID: LCSD 880-65120/2-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1077 | | mg/Kg | | 108 | 70 - 130 | 6 | 35 |
| Toluene | | | 0.100 | 0.09106 | | mg/Kg | | 91 | 70 - 130 | 5 | 35 |
| Ethylbenzene | | | 0.100 | 0.1016 | | mg/Kg | | 102 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2286 | | mg/Kg | | 114 | 70 - 130 | 5 | 35 |
| o-Xylene | | | 0.100 | 0.1088 | | mg/Kg | | 109 | 70 - 130 | 4 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *111* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* |

**Lab Sample ID: MB 880-65159/5-A**
**Matrix: Solid**
**Analysis Batch: 65138**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65159**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 10:39 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 10:39 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 10:39 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 10:39 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 10:39 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: MB 880-65159/5-A**
**Matrix: Solid**
**Analysis Batch: 65138**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65159**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/20/23 14:22 | 10/21/23 10:39 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *70 - 130* | *10/20/23 14:22* | *10/21/23 10:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *134* | *S1+* | *70 - 130* | *10/20/23 14:22* | *10/21/23 10:39* | *1* |

**Lab Sample ID: LCS 880-65159/1-A**
**Matrix: Solid**
**Analysis Batch: 65138**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65159**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1032 | | mg/Kg | | 103 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.08820 | | mg/Kg | | 88 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.08658 | | mg/Kg | | 87 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.1819 | | mg/Kg | | 91 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.08621 | | mg/Kg | | 86 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* |

**Lab Sample ID: LCSD 880-65159/2-A**
**Matrix: Solid**
**Analysis Batch: 65138**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65159**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1101 | | mg/Kg | | 110 | 70 - 130 | 7 | 35 |
| Toluene | | | 0.100 | 0.08618 | | mg/Kg | | 86 | 70 - 130 | 2 | 35 |
| Ethylbenzene | | | 0.100 | 0.08596 | | mg/Kg | | 86 | 70 - 130 | 1 | 35 |
| m,p-Xylenes | | | 0.200 | 0.1947 | | mg/Kg | | 97 | 70 - 130 | 7 | 35 |
| o-Xylene | | | 0.100 | 0.09385 | | mg/Kg | | 94 | 70 - 130 | 8 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* |

**Lab Sample ID: 880-34567-82 MS**
**Matrix: Solid**
**Analysis Batch: 65138**

**Client Sample ID: FL 207**
**Prep Type: Total/NA**
**Prep Batch: 65159**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.0996 | 0.1068 | | mg/Kg | | 107 | 70 - 130 | | |
| Toluene | <0.00199 | U | 0.0996 | 0.08908 | | mg/Kg | | 89 | 70 - 130 | | |
| Ethylbenzene | <0.00199 | U | 0.0996 | 0.08298 | | mg/Kg | | 83 | 70 - 130 | | |
| m,p-Xylenes | <0.00398 | U | 0.199 | 0.1722 | | mg/Kg | | 86 | 70 - 130 | | |
| o-Xylene | <0.00199 | U | 0.0996 | 0.09204 | | mg/Kg | | 92 | 70 - 130 | | |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: 880-34567-82 MS**
**Matrix: Solid**
**Analysis Batch: 65138**

**Client Sample ID: FL 207**
**Prep Type: Total/NA**
**Prep Batch: 65159**

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 102 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 |

**Lab Sample ID: 880-34567-82 MSD**
**Matrix: Solid**
**Analysis Batch: 65138**

**Client Sample ID: FL 207**
**Prep Type: Total/NA**
**Prep Batch: 65159**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.0990 | 0.1051 | | mg/Kg | | 106 | 70 - 130 | 2 | 35 |
| Toluene | <0.00199 | U | 0.0990 | 0.08719 | | mg/Kg | | 88 | 70 - 130 | 2 | 35 |
| Ethylbenzene | <0.00199 | U | 0.0990 | 0.07533 | | mg/Kg | | 76 | 70 - 130 | 10 | 35 |
| m,p-Xylenes | <0.00398 | U | 0.198 | 0.1591 | | mg/Kg | | 80 | 70 - 130 | 8 | 35 |
| o-Xylene | <0.00199 | U | 0.0990 | 0.08664 | | mg/Kg | | 88 | 70 - 130 | 6 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 99 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 |

**Lab Sample ID: MB 880-65235/5-A**
**Matrix: Solid**
**Analysis Batch: 65138**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65235**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:43 | 10/20/23 23:03 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:43 | 10/20/23 23:03 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:43 | 10/20/23 23:03 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/20/23 14:43 | 10/20/23 23:03 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/20/23 14:43 | 10/20/23 23:03 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/20/23 14:43 | 10/20/23 23:03 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 109 | | 70 - 130 | 10/20/23 14:43 | 10/20/23 23:03 | 1 |
| 1,4-Difluorobenzene (Surr) | 147 | S1+ | 70 - 130 | 10/20/23 14:43 | 10/20/23 23:03 | 1 |

**Lab Sample ID: MB 880-65447/5-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65447**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/24/23 23:10 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/24/23 23:10 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/24/23 23:10 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/24/23 09:04 | 10/24/23 23:10 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 09:04 | 10/24/23 23:10 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/24/23 09:04 | 10/24/23 23:10 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: MB 880-65447/5-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65447**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 109 | | 70 - 130 | 10/24/23 09:04 | 10/24/23 23:10 | 1 |
| 1,4-Difluorobenzene (Surr) | 157 | S1+ | 70 - 130 | 10/24/23 09:04 | 10/24/23 23:10 | 1 |

**Lab Sample ID: LCS 880-65447/1-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65447**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09820 | | mg/Kg | | 98 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.08016 | | mg/Kg | | 80 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.07170 | | mg/Kg | | 72 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.1674 | | mg/Kg | | 84 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.08039 | | mg/Kg | | 80 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 79 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 117 | | 70 - 130 |

**Lab Sample ID: LCSD 880-65447/2-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65447**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1111 | | mg/Kg | | 111 | 70 - 130 | 12 | 35 |
| Toluene | | | 0.100 | 0.09239 | | mg/Kg | | 92 | 70 - 130 | 14 | 35 |
| Ethylbenzene | | | 0.100 | 0.07910 | | mg/Kg | | 79 | 70 - 130 | 10 | 35 |
| m,p-Xylenes | | | 0.200 | 0.1938 | | mg/Kg | | 97 | 70 - 130 | 15 | 35 |
| o-Xylene | | | 0.100 | 0.09501 | | mg/Kg | | 95 | 70 - 130 | 17 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 84 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 112 | | 70 - 130 |

**Lab Sample ID: 880-34567-61 MS**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: FL 186**
**Prep Type: Total/NA**
**Prep Batch: 65447**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.0998 | 0.09417 | | mg/Kg | | 94 | 70 - 130 | | |
| Toluene | <0.00199 | U | 0.0998 | 0.08934 | | mg/Kg | | 90 | 70 - 130 | | |
| Ethylbenzene | <0.00199 | U | 0.0998 | 0.07236 | | mg/Kg | | 73 | 70 - 130 | | |
| m,p-Xylenes | <0.00398 | U | 0.200 | 0.1666 | | mg/Kg | | 83 | 70 - 130 | | |
| o-Xylene | <0.00199 | U | 0.0998 | 0.08177 | | mg/Kg | | 82 | 70 - 130 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 80 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 103 | | 70 - 130 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: 880-34567-61 MSD**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: FL 186**
**Prep Type: Total/NA**
**Prep Batch: 65447**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.0996 | 0.09325 | | mg/Kg | | 94 | 70 - 130 | 1 | 35 |
| Toluene | <0.00199 | U | 0.0996 | 0.08467 | | mg/Kg | | 85 | 70 - 130 | 5 | 35 |
| Ethylbenzene | <0.00199 | U | 0.0996 | 0.07540 | | mg/Kg | | 76 | 70 - 130 | 4 | 35 |
| m,p-Xylenes | <0.00398 | U | 0.199 | 0.1798 | | mg/Kg | | 90 | 70 - 130 | 8 | 35 |
| o-Xylene | <0.00199 | U | 0.0996 | 0.08802 | | mg/Kg | | 88 | 70 - 130 | 7 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* |

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

**Lab Sample ID: MB 880-64960/1-A**
**Matrix: Solid**
**Analysis Batch: 65018**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64960**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 08:11 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 08:11 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 11:53 | 10/19/23 08:11 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *215* | *S1+* | *70 - 130* | *10/18/23 11:53* | *10/19/23 08:11* | *1* |
| *o-Terphenyl (Surr)* | *189* | *S1+* | *70 - 130* | *10/18/23 11:53* | *10/19/23 08:11* | *1* |

**Lab Sample ID: LCS 880-64960/2-A**
**Matrix: Solid**
**Analysis Batch: 65018**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64960**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 851.4 | | mg/Kg | | 85 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 880.2 | | mg/Kg | | 88 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *82* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *76* | | *70 - 130* |

**Lab Sample ID: LCSD 880-64960/3-A**
**Matrix: Solid**
**Analysis Batch: 65018**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64960**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 922.5 | | mg/Kg | | 92 | 70 - 130 | 8 | 20 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: LCSD 880-64960/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65018** — **Prep Batch: 64960**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (Over C10-C28) | | | 1000 | 908.8 | | mg/Kg | | 91 | 70 - 130 | 3 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *76* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *69* | *S1-* | *70 - 130* |

**Lab Sample ID: 880-34567-1 MS** — **Client Sample ID: FL 126**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65018** — **Prep Batch: 64960**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 1010 | 876.8 | | mg/Kg | | 83 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 1010 | 1100 | | mg/Kg | | 109 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *83* | | *70 - 130* |

**Lab Sample ID: 880-34567-1 MSD** — **Client Sample ID: FL 126**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65018** — **Prep Batch: 64960**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 1010 | 1076 | | mg/Kg | | 103 | 70 - 130 | 20 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 1010 | 1278 | | mg/Kg | | 127 | 70 - 130 | 15 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *132* | *S1+* | *70 - 130* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* |

**Lab Sample ID: MB 880-64966/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65020** — **Prep Batch: 64966**

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | mg/Kg | | 10/18/23 11:55 | 10/19/23 08:11 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | mg/Kg | | 10/18/23 11:55 | 10/19/23 08:11 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | mg/Kg | | 10/18/23 11:55 | 10/19/23 08:11 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *151* | *S1+* | *70 - 130* | *10/18/23 11:55* | *10/19/23 08:11* | *1* |
| *o-Terphenyl (Surr)* | *161* | *S1+* | *70 - 130* | *10/18/23 11:55* | *10/19/23 08:11* | *1* |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: LCS 880-64966/2-A**
**Matrix: Solid**
**Analysis Batch: 65020**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64966**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 973.8 | | mg/Kg | | 97 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 930.6 | | mg/Kg | | 93 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *82* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *81* | | *70 - 130* |

**Lab Sample ID: LCSD 880-64966/3-A**
**Matrix: Solid**
**Analysis Batch: 65020**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64966**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1085 | | mg/Kg | | 108 | 70 - 130 | 11 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1025 | | mg/Kg | | 103 | 70 - 130 | 10 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *100* | | *70 - 130* |

**Lab Sample ID: 880-34567-21 MS**
**Matrix: Solid**
**Analysis Batch: 65020**

**Client Sample ID: FL 146**
**Prep Type: Total/NA**
**Prep Batch: 64966**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 994 | 1046 | | mg/Kg | | 103 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 994 | 967.4 | | mg/Kg | | 95 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *114* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* |

**Lab Sample ID: 880-34567-21 MSD**
**Matrix: Solid**
**Analysis Batch: 65020**

**Client Sample ID: FL 146**
**Prep Type: Total/NA**
**Prep Batch: 64966**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 994 | 1101 | | mg/Kg | | 109 | 70 - 130 | 5 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 994 | 790.1 | | mg/Kg | | 77 | 70 - 130 | 20 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *92* | | *70 - 130* |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: 880-34567-21 MSD**
**Matrix: Solid**
**Analysis Batch: 65020**

**Client Sample ID: FL 146**
**Prep Type: Total/NA**
**Prep Batch: 64966**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| o-Terphenyl (Surr) | 85 | | 70 - 130 |

**Lab Sample ID: MB 880-64971/1-A**
**Matrix: Solid**
**Analysis Batch: 65128**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64971**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 08:11 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 08:11 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:15 | 10/20/23 08:11 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 141 | S1+ | 70 - 130 | 10/18/23 12:15 | 10/20/23 08:11 | 1 |
| o-Terphenyl (Surr) | 159 | S1+ | 70 - 130 | 10/18/23 12:15 | 10/20/23 08:11 | 1 |

**Lab Sample ID: LCS 880-64971/2-A**
**Matrix: Solid**
**Analysis Batch: 65128**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64971**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 904.6 | | mg/Kg | | 90 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 999.8 | | mg/Kg | | 100 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 84 | | 70 - 130 |
| o-Terphenyl (Surr) | 90 | | 70 - 130 |

**Lab Sample ID: LCSD 880-64971/3-A**
**Matrix: Solid**
**Analysis Batch: 65128**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64971**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1094 | | mg/Kg | | 109 | 70 - 130 | 19 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 995.0 | | mg/Kg | | 99 | 70 - 130 | 0 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 96 | | 70 - 130 |
| o-Terphenyl (Surr) | 105 | | 70 - 130 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: 880-34567-41 MS**
**Matrix: Solid**
**Analysis Batch: 65128**

**Client Sample ID: FL 166**
**Prep Type: Total/NA**
**Prep Batch: 64971**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 998 | 1249 | | mg/Kg | | 122 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 998 | 918.4 | | mg/Kg | | 88 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* |

**Lab Sample ID: 880-34567-41 MSD**
**Matrix: Solid**
**Analysis Batch: 65128**

**Client Sample ID: FL 166**
**Prep Type: Total/NA**
**Prep Batch: 64971**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 998 | 1197 | | mg/Kg | | 117 | 70 - 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 998 | 895.1 | | mg/Kg | | 85 | 70 - 130 | 3 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *110* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* |

**Lab Sample ID: MB 880-64972/1-A**
**Matrix: Solid**
**Analysis Batch: 65128**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64972**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 19:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 19:30 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:18 | 10/20/23 19:30 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *146* | *S1+* | *70 - 130* | *10/18/23 12:18* | *10/20/23 19:30* | *1* |
| *o-Terphenyl (Surr)* | *166* | *S1+* | *70 - 130* | *10/18/23 12:18* | *10/20/23 19:30* | *1* |

**Lab Sample ID: LCS 880-64972/2-A**
**Matrix: Solid**
**Analysis Batch: 65128**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64972**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1185 | | mg/Kg | | 119 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1043 | | mg/Kg | | 104 | 70 - 130 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: LCS 880-64972/2-A**
**Matrix: Solid**
**Analysis Batch: 65128**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64972**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 91 | | 70 - 130 |
| o-Terphenyl (Surr) | 97 | | 70 - 130 |

**Lab Sample ID: LCSD 880-64972/3-A**
**Matrix: Solid**
**Analysis Batch: 65128**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64972**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1113 | | mg/Kg | | 111 | 70 - 130 | 6 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1030 | | mg/Kg | | 103 | 70 - 130 | 1 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 102 | | 70 - 130 |
| o-Terphenyl (Surr) | 111 | | 70 - 130 |

**Lab Sample ID: 880-34567-61 MS**
**Matrix: Solid**
**Analysis Batch: 65128**

**Client Sample ID: FL 186**
**Prep Type: Total/NA**
**Prep Batch: 64972**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 1000 | 1142 | | mg/Kg | | 110 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 1000 | 1106 | | mg/Kg | | 108 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 121 | | 70 - 130 |
| o-Terphenyl (Surr) | 116 | | 70 - 130 |

**Lab Sample ID: 880-34567-61 MSD**
**Matrix: Solid**
**Analysis Batch: 65128**

**Client Sample ID: FL 186**
**Prep Type: Total/NA**
**Prep Batch: 64972**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 1000 | 1246 | | mg/Kg | | 121 | 70 - 130 | 9 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 1000 | 981.4 | | mg/Kg | | 95 | 70 - 130 | 12 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 107 | | 70 - 130 |
| o-Terphenyl (Surr) | 103 | | 70 - 130 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Lab Sample ID: MB 880-65061/1-A**
**Matrix: Solid**
**Analysis Batch: 65020**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65061**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 19:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 19:30 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 19:30 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *136* | *S1+* | *70 - 130* | *10/19/23 14:03* | *10/19/23 19:30* | *1* |
| *o-Terphenyl (Surr)* | *146* | *S1+* | *70 - 130* | *10/19/23 14:03* | *10/19/23 19:30* | *1* |

**Lab Sample ID: LCS 880-65061/2-A**
**Matrix: Solid**
**Analysis Batch: 65020**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65061**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 927.9 | | mg/Kg | | 93 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 956.5 | | mg/Kg | | 96 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *83* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *82* | | *70 - 130* |

**Lab Sample ID: LCSD 880-65061/3-A**
**Matrix: Solid**
**Analysis Batch: 65020**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65061**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 861.5 | | mg/Kg | | 86 | 70 - 130 | 7 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 851.2 | | mg/Kg | | 85 | 70 - 130 | 12 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *82* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *83* | | *70 - 130* |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-64947/1-A**
**Matrix: Solid**
**Analysis Batch: 65010**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/20/23 12:10 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: LCS 880-64947/2-A**
**Matrix: Solid**
**Analysis Batch: 65010**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 244.4 | | mg/Kg | | 98 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-64947/3-A**
**Matrix: Solid**
**Analysis Batch: 65010**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 244.5 | | mg/Kg | | 98 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34567-8 MS**
**Matrix: Solid**
**Analysis Batch: 65010**

**Client Sample ID: FL 133**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 149 | F1 | 250 | 354.0 | F1 | mg/Kg | | 82 | 90 - 110 | | |

**Lab Sample ID: 880-34567-8 MSD**
**Matrix: Solid**
**Analysis Batch: 65010**

**Client Sample ID: FL 133**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 149 | F1 | 250 | 353.4 | F1 | mg/Kg | | 82 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-64948/1-A**
**Matrix: Solid**
**Analysis Batch: 65173**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/20/23 19:21 | 1 |

**Lab Sample ID: LCS 880-64948/2-A**
**Matrix: Solid**
**Analysis Batch: 65173**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 248.5 | | mg/Kg | | 99 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-64948/3-A**
**Matrix: Solid**
**Analysis Batch: 65173**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 249.1 | | mg/Kg | | 100 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34567-18 MS**
**Matrix: Solid**
**Analysis Batch: 65173**

**Client Sample ID: FL 143**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 80.6 | | 248 | 330.7 | | mg/Kg | | 101 | 90 - 110 | | |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: 880-34567-18 MSD**
**Matrix: Solid**
**Analysis Batch: 65173**

**Client Sample ID: FL 143**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 80.6 | | 248 | 330.9 | | mg/Kg | | 101 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34567-28 MS**
**Matrix: Solid**
**Analysis Batch: 65173**

**Client Sample ID: FL 153**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 198 | | 252 | 467.8 | | mg/Kg | | 107 | 90 - 110 |

**Lab Sample ID: 880-34567-28 MSD**
**Matrix: Solid**
**Analysis Batch: 65173**

**Client Sample ID: FL 153**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 198 | | 252 | 468.6 | | mg/Kg | | 107 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-64949/1-A**
**Matrix: Solid**
**Analysis Batch: 65190**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/20/23 23:47 | 1 |

**Lab Sample ID: LCS 880-64949/2-A**
**Matrix: Solid**
**Analysis Batch: 65190**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 247.8 | | mg/Kg | | 99 | 90 - 110 |

**Lab Sample ID: LCSD 880-64949/3-A**
**Matrix: Solid**
**Analysis Batch: 65190**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 250 | 248.7 | | mg/Kg | | 99 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34567-38 MS**
**Matrix: Solid**
**Analysis Batch: 65190**

**Client Sample ID: FL 163**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 158 | F1 | 252 | 376.4 | F1 | mg/Kg | | 87 | 90 - 110 |

**Lab Sample ID: 880-34567-38 MSD**
**Matrix: Solid**
**Analysis Batch: 65190**

**Client Sample ID: FL 163**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 158 | F1 | 252 | 377.3 | F1 | mg/Kg | | 87 | 90 - 110 | 0 | 20 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: 880-34567-48 MS**
**Matrix: Solid**
**Analysis Batch: 65190**

**Client Sample ID: FL 173**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 175 | F1 | 252 | 374.4 | F1 | mg/Kg | | 79 | 90 - 110 |

**Lab Sample ID: 880-34567-48 MSD**
**Matrix: Solid**
**Analysis Batch: 65190**

**Client Sample ID: FL 173**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 175 | F1 | 252 | 375.4 | F1 | mg/Kg | | 79 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-64951/1-A**
**Matrix: Solid**
**Analysis Batch: 65191**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/22/23 18:17 | 1 |

**Lab Sample ID: LCS 880-64951/2-A**
**Matrix: Solid**
**Analysis Batch: 65191**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 226.8 | | mg/Kg | | 91 | 90 - 110 |

**Lab Sample ID: LCSD 880-64951/3-A**
**Matrix: Solid**
**Analysis Batch: 65191**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 250 | 227.1 | | mg/Kg | | 91 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34567-78 MS**
**Matrix: Solid**
**Analysis Batch: 65191**

**Client Sample ID: FL 203**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 169 | F1 | 251 | 388.1 | F1 | mg/Kg | | 87 | 90 - 110 |

**Lab Sample ID: 880-34567-78 MSD**
**Matrix: Solid**
**Analysis Batch: 65191**

**Client Sample ID: FL 203**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 169 | F1 | 251 | 388.7 | F1 | mg/Kg | | 88 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-64950/1-A**
**Matrix: Solid**
**Analysis Batch: 65192**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/23/23 13:55 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: LCS 880-64950/2-A**
**Matrix: Solid**
**Analysis Batch: 65192**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 237.3 | | mg/Kg | | 95 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-64950/3-A**
**Matrix: Solid**
**Analysis Batch: 65192**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 237.4 | | mg/Kg | | 95 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34567-58 MS**
**Matrix: Solid**
**Analysis Batch: 65192**

**Client Sample ID: FL 183**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 107 | | 253 | 348.2 | | mg/Kg | | 96 | 90 - 110 | | |

**Lab Sample ID: 880-34567-58 MSD**
**Matrix: Solid**
**Analysis Batch: 65192**

**Client Sample ID: FL 183**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 107 | | 253 | 348.1 | | mg/Kg | | 96 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34567-68 MS**
**Matrix: Solid**
**Analysis Batch: 65192**

**Client Sample ID: FL 193**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 192 | | 248 | 446.9 | | mg/Kg | | 103 | 90 - 110 | | |

**Lab Sample ID: 880-34567-68 MSD**
**Matrix: Solid**
**Analysis Batch: 65192**

**Client Sample ID: FL 193**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 192 | | 248 | 445.4 | | mg/Kg | | 102 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## GC VOA

### Prep Batch: 64995

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-64995/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Prep Batch: 64996

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-1 | FL 126 | Total/NA | Solid | 5035 | |
| 880-34567-2 | FL 127 | Total/NA | Solid | 5035 | |
| 880-34567-3 | FL 128 | Total/NA | Solid | 5035 | |
| 880-34567-4 | FL 129 | Total/NA | Solid | 5035 | |
| 880-34567-5 | FL 130 | Total/NA | Solid | 5035 | |
| 880-34567-6 | FL 131 | Total/NA | Solid | 5035 | |
| 880-34567-7 | FL 132 | Total/NA | Solid | 5035 | |
| 880-34567-8 | FL 133 | Total/NA | Solid | 5035 | |
| 880-34567-9 | FL 134 | Total/NA | Solid | 5035 | |
| 880-34567-10 | FL 135 | Total/NA | Solid | 5035 | |
| 880-34567-11 | FL 136 | Total/NA | Solid | 5035 | |
| 880-34567-12 | FL 137 | Total/NA | Solid | 5035 | |
| 880-34567-13 | FL 138 | Total/NA | Solid | 5035 | |
| 880-34567-14 | FL 139 | Total/NA | Solid | 5035 | |
| 880-34567-15 | FL 140 | Total/NA | Solid | 5035 | |
| 880-34567-16 | FL 141 | Total/NA | Solid | 5035 | |
| 880-34567-17 | FL 142 | Total/NA | Solid | 5035 | |
| 880-34567-18 | FL 143 | Total/NA | Solid | 5035 | |
| MB 880-64996/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-64996/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-64996/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-34567-1 MS | FL 126 | Total/NA | Solid | 5035 | |
| 880-34567-1 MSD | FL 126 | Total/NA | Solid | 5035 | |

### Prep Batch: 64997

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-21 | FL 146 | Total/NA | Solid | 5035 | |
| 880-34567-22 | FL 147 | Total/NA | Solid | 5035 | |
| 880-34567-23 | FL 148 | Total/NA | Solid | 5035 | |
| 880-34567-24 | FL 149 | Total/NA | Solid | 5035 | |
| 880-34567-25 | FL 150 | Total/NA | Solid | 5035 | |
| 880-34567-26 | FL 151 | Total/NA | Solid | 5035 | |
| 880-34567-27 | FL 152 | Total/NA | Solid | 5035 | |
| 880-34567-28 | FL 153 | Total/NA | Solid | 5035 | |
| 880-34567-29 | FL 154 | Total/NA | Solid | 5035 | |
| 880-34567-30 | FL 155 | Total/NA | Solid | 5035 | |
| 880-34567-31 | FL 156 | Total/NA | Solid | 5035 | |
| 880-34567-32 | FL 157 | Total/NA | Solid | 5035 | |
| 880-34567-33 | FL 158 | Total/NA | Solid | 5035 | |
| 880-34567-34 | FL 159 | Total/NA | Solid | 5035 | |
| 880-34567-35 | FL 160 | Total/NA | Solid | 5035 | |
| 880-34567-36 | FL 161 | Total/NA | Solid | 5035 | |
| 880-34567-37 | FL 162 | Total/NA | Solid | 5035 | |
| 880-34567-38 | FL 163 | Total/NA | Solid | 5035 | |
| 880-34567-39 | FL 164 | Total/NA | Solid | 5035 | |
| 880-34567-40 | FL 165 | Total/NA | Solid | 5035 | |
| MB 880-64997/5-A | Method Blank | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## GC VOA (Continued)

### Prep Batch: 64997 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LCS 880-64997/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-64997/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-34567-21 MS | FL 146 | Total/NA | Solid | 5035 | |
| 880-34567-21 MSD | FL 146 | Total/NA | Solid | 5035 | |

### Prep Batch: 65105

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-72 | FL 197 | Total/NA | Solid | 5035 | |
| 880-34567-74 | FL 199 | Total/NA | Solid | 5035 | |
| 880-34567-75 | FL 200 | Total/NA | Solid | 5035 | |
| 880-34567-76 | FL 201 | Total/NA | Solid | 5035 | |
| 880-34567-77 | FL 202 | Total/NA | Solid | 5035 | |
| 880-34567-78 | FL 203 | Total/NA | Solid | 5035 | |
| 880-34567-79 | FL 204 | Total/NA | Solid | 5035 | |
| 880-34567-80 | FL 205 | Total/NA | Solid | 5035 | |
| 880-34567-81 | FL 206 | Total/NA | Solid | 5035 | |
| MB 880-65105/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65105/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-65105/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

### Prep Batch: 65117

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-51 | FL 176 | Total/NA | Solid | 5035 | |
| 880-34567-52 | FL 177 | Total/NA | Solid | 5035 | |
| 880-34567-53 | FL 178 | Total/NA | Solid | 5035 | |
| 880-34567-54 | FL 179 | Total/NA | Solid | 5035 | |
| 880-34567-55 | FL 180 | Total/NA | Solid | 5035 | |
| 880-34567-56 | FL 181 | Total/NA | Solid | 5035 | |
| 880-34567-57 | FL 182 | Total/NA | Solid | 5035 | |
| 880-34567-58 | FL 183 | Total/NA | Solid | 5035 | |
| 880-34567-59 | FL 184 | Total/NA | Solid | 5035 | |
| 880-34567-60 | FL 185 | Total/NA | Solid | 5035 | |
| MB 880-65117/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65117/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-65117/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-34567-51 MS | FL 176 | Total/NA | Solid | 5035 | |
| 880-34567-51 MSD | FL 176 | Total/NA | Solid | 5035 | |

### Prep Batch: 65120

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-41 | FL 166 | Total/NA | Solid | 5035 | |
| 880-34567-42 | FL 167 | Total/NA | Solid | 5035 | |
| 880-34567-43 | FL 168 | Total/NA | Solid | 5035 | |
| 880-34567-44 | FL 169 | Total/NA | Solid | 5035 | |
| 880-34567-45 | FL 170 | Total/NA | Solid | 5035 | |
| 880-34567-46 | FL 171 | Total/NA | Solid | 5035 | |
| 880-34567-47 | FL 172 | Total/NA | Solid | 5035 | |
| 880-34567-48 | FL 173 | Total/NA | Solid | 5035 | |
| 880-34567-49 | FL 174 | Total/NA | Solid | 5035 | |
| MB 880-65120/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65120/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## GC VOA (Continued)

### Prep Batch: 65120 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LCSD 880-65120/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

### Analysis Batch: 65136

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-72 | FL 197 | Total/NA | Solid | 8021B | 65105 |
| 880-34567-74 | FL 199 | Total/NA | Solid | 8021B | 65105 |
| 880-34567-75 | FL 200 | Total/NA | Solid | 8021B | 65105 |
| 880-34567-76 | FL 201 | Total/NA | Solid | 8021B | 65105 |
| 880-34567-77 | FL 202 | Total/NA | Solid | 8021B | 65105 |
| 880-34567-78 | FL 203 | Total/NA | Solid | 8021B | 65105 |
| 880-34567-79 | FL 204 | Total/NA | Solid | 8021B | 65105 |
| 880-34567-80 | FL 205 | Total/NA | Solid | 8021B | 65105 |
| 880-34567-81 | FL 206 | Total/NA | Solid | 8021B | 65105 |
| MB 880-65105/5-A | Method Blank | Total/NA | Solid | 8021B | 65105 |
| LCS 880-65105/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65105 |
| LCSD 880-65105/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65105 |

### Analysis Batch: 65137

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-1 | FL 126 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-2 | FL 127 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-3 | FL 128 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-4 | FL 129 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-5 | FL 130 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-6 | FL 131 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-7 | FL 132 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-8 | FL 133 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-9 | FL 134 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-10 | FL 135 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-11 | FL 136 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-12 | FL 137 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-13 | FL 138 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-14 | FL 139 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-15 | FL 140 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-16 | FL 141 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-17 | FL 142 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-18 | FL 143 | Total/NA | Solid | 8021B | 64996 |
| MB 880-64996/5-A | Method Blank | Total/NA | Solid | 8021B | 64996 |
| LCS 880-64996/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 64996 |
| LCSD 880-64996/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 64996 |
| 880-34567-1 MS | FL 126 | Total/NA | Solid | 8021B | 64996 |
| 880-34567-1 MSD | FL 126 | Total/NA | Solid | 8021B | 64996 |

### Analysis Batch: 65138

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-19 | FL 144 | Total/NA | Solid | 8021B | 65159 |
| 880-34567-20 | FL 145 | Total/NA | Solid | 8021B | 65159 |
| 880-34567-82 | FL 207 | Total/NA | Solid | 8021B | 65159 |
| 880-34567-83 | FL 208 | Total/NA | Solid | 8021B | 65159 |
| 880-34567-84 | FL 209 | Total/NA | Solid | 8021B | 65159 |
| 880-34567-85 | FL 210 | Total/NA | Solid | 8021B | 65159 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## GC VOA (Continued)

### Analysis Batch: 65138 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-65159/5-A | Method Blank | Total/NA | Solid | 8021B | 65159 |
| MB 880-65235/5-A | Method Blank | Total/NA | Solid | 8021B | 65235 |
| LCS 880-65159/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65159 |
| LCSD 880-65159/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65159 |
| 880-34567-82 MS | FL 207 | Total/NA | Solid | 8021B | 65159 |
| 880-34567-82 MSD | FL 207 | Total/NA | Solid | 8021B | 65159 |

### Prep Batch: 65159

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-19 | FL 144 | Total/NA | Solid | 5035 | |
| 880-34567-20 | FL 145 | Total/NA | Solid | 5035 | |
| 880-34567-82 | FL 207 | Total/NA | Solid | 5035 | |
| 880-34567-83 | FL 208 | Total/NA | Solid | 5035 | |
| 880-34567-84 | FL 209 | Total/NA | Solid | 5035 | |
| 880-34567-85 | FL 210 | Total/NA | Solid | 5035 | |
| MB 880-65159/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65159/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-65159/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-34567-82 MS | FL 207 | Total/NA | Solid | 5035 | |
| 880-34567-82 MSD | FL 207 | Total/NA | Solid | 5035 | |

### Prep Batch: 65235

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-65235/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Analysis Batch: 65272

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-21 | FL 146 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-22 | FL 147 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-23 | FL 148 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-24 | FL 149 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-25 | FL 150 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-26 | FL 151 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-27 | FL 152 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-28 | FL 153 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-29 | FL 154 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-30 | FL 155 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-31 | FL 156 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-32 | FL 157 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-33 | FL 158 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-34 | FL 159 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-35 | FL 160 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-36 | FL 161 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-37 | FL 162 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-38 | FL 163 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-39 | FL 164 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-40 | FL 165 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-51 | FL 176 | Total/NA | Solid | 8021B | 65117 |
| 880-34567-52 | FL 177 | Total/NA | Solid | 8021B | 65117 |
| 880-34567-53 | FL 178 | Total/NA | Solid | 8021B | 65117 |
| 880-34567-54 | FL 179 | Total/NA | Solid | 8021B | 65117 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## GC VOA (Continued)

### Analysis Batch: 65272 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-55 | FL 180 | Total/NA | Solid | 8021B | 65117 |
| 880-34567-56 | FL 181 | Total/NA | Solid | 8021B | 65117 |
| 880-34567-57 | FL 182 | Total/NA | Solid | 8021B | 65117 |
| 880-34567-58 | FL 183 | Total/NA | Solid | 8021B | 65117 |
| 880-34567-59 | FL 184 | Total/NA | Solid | 8021B | 65117 |
| 880-34567-60 | FL 185 | Total/NA | Solid | 8021B | 65117 |
| MB 880-64995/5-A | Method Blank | Total/NA | Solid | 8021B | 64995 |
| MB 880-64997/5-A | Method Blank | Total/NA | Solid | 8021B | 64997 |
| MB 880-65117/5-A | Method Blank | Total/NA | Solid | 8021B | 65117 |
| LCS 880-64997/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 64997 |
| LCS 880-65117/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65117 |
| LCSD 880-64997/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 64997 |
| LCSD 880-65117/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65117 |
| 880-34567-21 MS | FL 146 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-21 MSD | FL 146 | Total/NA | Solid | 8021B | 64997 |
| 880-34567-51 MS | FL 176 | Total/NA | Solid | 8021B | 65117 |
| 880-34567-51 MSD | FL 176 | Total/NA | Solid | 8021B | 65117 |

### Analysis Batch: 65415

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-1 | FL 126 | Total/NA | Solid | Total BTEX | |
| 880-34567-2 | FL 127 | Total/NA | Solid | Total BTEX | |
| 880-34567-3 | FL 128 | Total/NA | Solid | Total BTEX | |
| 880-34567-4 | FL 129 | Total/NA | Solid | Total BTEX | |
| 880-34567-5 | FL 130 | Total/NA | Solid | Total BTEX | |
| 880-34567-6 | FL 131 | Total/NA | Solid | Total BTEX | |
| 880-34567-7 | FL 132 | Total/NA | Solid | Total BTEX | |
| 880-34567-8 | FL 133 | Total/NA | Solid | Total BTEX | |
| 880-34567-9 | FL 134 | Total/NA | Solid | Total BTEX | |
| 880-34567-10 | FL 135 | Total/NA | Solid | Total BTEX | |
| 880-34567-11 | FL 136 | Total/NA | Solid | Total BTEX | |
| 880-34567-12 | FL 137 | Total/NA | Solid | Total BTEX | |
| 880-34567-13 | FL 138 | Total/NA | Solid | Total BTEX | |
| 880-34567-14 | FL 139 | Total/NA | Solid | Total BTEX | |
| 880-34567-15 | FL 140 | Total/NA | Solid | Total BTEX | |
| 880-34567-16 | FL 141 | Total/NA | Solid | Total BTEX | |
| 880-34567-17 | FL 142 | Total/NA | Solid | Total BTEX | |
| 880-34567-18 | FL 143 | Total/NA | Solid | Total BTEX | |
| 880-34567-19 | FL 144 | Total/NA | Solid | Total BTEX | |
| 880-34567-20 | FL 145 | Total/NA | Solid | Total BTEX | |
| 880-34567-21 | FL 146 | Total/NA | Solid | Total BTEX | |
| 880-34567-22 | FL 147 | Total/NA | Solid | Total BTEX | |
| 880-34567-23 | FL 148 | Total/NA | Solid | Total BTEX | |
| 880-34567-24 | FL 149 | Total/NA | Solid | Total BTEX | |
| 880-34567-25 | FL 150 | Total/NA | Solid | Total BTEX | |
| 880-34567-26 | FL 151 | Total/NA | Solid | Total BTEX | |
| 880-34567-27 | FL 152 | Total/NA | Solid | Total BTEX | |
| 880-34567-28 | FL 153 | Total/NA | Solid | Total BTEX | |
| 880-34567-29 | FL 154 | Total/NA | Solid | Total BTEX | |
| 880-34567-30 | FL 155 | Total/NA | Solid | Total BTEX | |
| 880-34567-31 | FL 156 | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## GC VOA (Continued)

### Analysis Batch: 65415 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-32 | FL 157 | Total/NA | Solid | Total BTEX | |
| 880-34567-33 | FL 158 | Total/NA | Solid | Total BTEX | |
| 880-34567-34 | FL 159 | Total/NA | Solid | Total BTEX | |
| 880-34567-35 | FL 160 | Total/NA | Solid | Total BTEX | |
| 880-34567-36 | FL 161 | Total/NA | Solid | Total BTEX | |
| 880-34567-37 | FL 162 | Total/NA | Solid | Total BTEX | |
| 880-34567-38 | FL 163 | Total/NA | Solid | Total BTEX | |
| 880-34567-39 | FL 164 | Total/NA | Solid | Total BTEX | |
| 880-34567-40 | FL 165 | Total/NA | Solid | Total BTEX | |
| 880-34567-41 | FL 166 | Total/NA | Solid | Total BTEX | |
| 880-34567-42 | FL 167 | Total/NA | Solid | Total BTEX | |
| 880-34567-43 | FL 168 | Total/NA | Solid | Total BTEX | |
| 880-34567-44 | FL 169 | Total/NA | Solid | Total BTEX | |
| 880-34567-45 | FL 170 | Total/NA | Solid | Total BTEX | |
| 880-34567-46 | FL 171 | Total/NA | Solid | Total BTEX | |
| 880-34567-47 | FL 172 | Total/NA | Solid | Total BTEX | |
| 880-34567-48 | FL 173 | Total/NA | Solid | Total BTEX | |
| 880-34567-49 | FL 174 | Total/NA | Solid | Total BTEX | |
| 880-34567-50 | FL 175 | Total/NA | Solid | Total BTEX | |
| 880-34567-51 | FL 176 | Total/NA | Solid | Total BTEX | |
| 880-34567-52 | FL 177 | Total/NA | Solid | Total BTEX | |
| 880-34567-53 | FL 178 | Total/NA | Solid | Total BTEX | |
| 880-34567-54 | FL 179 | Total/NA | Solid | Total BTEX | |
| 880-34567-55 | FL 180 | Total/NA | Solid | Total BTEX | |
| 880-34567-56 | FL 181 | Total/NA | Solid | Total BTEX | |
| 880-34567-57 | FL 182 | Total/NA | Solid | Total BTEX | |
| 880-34567-58 | FL 183 | Total/NA | Solid | Total BTEX | |
| 880-34567-59 | FL 184 | Total/NA | Solid | Total BTEX | |
| 880-34567-60 | FL 185 | Total/NA | Solid | Total BTEX | |
| 880-34567-61 | FL 186 | Total/NA | Solid | Total BTEX | |
| 880-34567-62 | FL 187 | Total/NA | Solid | Total BTEX | |
| 880-34567-63 | FL 188 | Total/NA | Solid | Total BTEX | |
| 880-34567-64 | FL 189 | Total/NA | Solid | Total BTEX | |
| 880-34567-65 | FL 190 | Total/NA | Solid | Total BTEX | |
| 880-34567-66 | FL 191 | Total/NA | Solid | Total BTEX | |
| 880-34567-67 | FL 192 | Total/NA | Solid | Total BTEX | |
| 880-34567-68 | FL 193 | Total/NA | Solid | Total BTEX | |
| 880-34567-70 | FL 195 | Total/NA | Solid | Total BTEX | |
| 880-34567-71 | FL 196 | Total/NA | Solid | Total BTEX | |
| 880-34567-72 | FL 197 | Total/NA | Solid | Total BTEX | |
| 880-34567-74 | FL 199 | Total/NA | Solid | Total BTEX | |
| 880-34567-75 | FL 200 | Total/NA | Solid | Total BTEX | |
| 880-34567-76 | FL 201 | Total/NA | Solid | Total BTEX | |
| 880-34567-77 | FL 202 | Total/NA | Solid | Total BTEX | |
| 880-34567-78 | FL 203 | Total/NA | Solid | Total BTEX | |
| 880-34567-79 | FL 204 | Total/NA | Solid | Total BTEX | |
| 880-34567-80 | FL 205 | Total/NA | Solid | Total BTEX | |
| 880-34567-81 | FL 206 | Total/NA | Solid | Total BTEX | |
| 880-34567-82 | FL 207 | Total/NA | Solid | Total BTEX | |
| 880-34567-83 | FL 208 | Total/NA | Solid | Total BTEX | |
| 880-34567-84 | FL 209 | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## GC VOA (Continued)

### Analysis Batch: 65415 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-85 | FL 210 | Total/NA | Solid | Total BTEX | |

### Analysis Batch: 65444

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-41 | FL 166 | Total/NA | Solid | 8021B | 65120 |
| 880-34567-42 | FL 167 | Total/NA | Solid | 8021B | 65120 |
| 880-34567-43 | FL 168 | Total/NA | Solid | 8021B | 65120 |
| 880-34567-44 | FL 169 | Total/NA | Solid | 8021B | 65120 |
| 880-34567-45 | FL 170 | Total/NA | Solid | 8021B | 65120 |
| 880-34567-46 | FL 171 | Total/NA | Solid | 8021B | 65120 |
| 880-34567-47 | FL 172 | Total/NA | Solid | 8021B | 65120 |
| 880-34567-48 | FL 173 | Total/NA | Solid | 8021B | 65120 |
| 880-34567-49 | FL 174 | Total/NA | Solid | 8021B | 65120 |
| 880-34567-50 | FL 175 | Total/NA | Solid | 8021B | 65447 |
| 880-34567-61 | FL 186 | Total/NA | Solid | 8021B | 65447 |
| 880-34567-62 | FL 187 | Total/NA | Solid | 8021B | 65447 |
| 880-34567-63 | FL 188 | Total/NA | Solid | 8021B | 65447 |
| 880-34567-64 | FL 189 | Total/NA | Solid | 8021B | 65447 |
| 880-34567-65 | FL 190 | Total/NA | Solid | 8021B | 65447 |
| 880-34567-66 | FL 191 | Total/NA | Solid | 8021B | 65447 |
| 880-34567-67 | FL 192 | Total/NA | Solid | 8021B | 65447 |
| 880-34567-68 | FL 193 | Total/NA | Solid | 8021B | 65447 |
| 880-34567-70 | FL 195 | Total/NA | Solid | 8021B | 65447 |
| 880-34567-71 | FL 196 | Total/NA | Solid | 8021B | 65447 |
| MB 880-65120/5-A | Method Blank | Total/NA | Solid | 8021B | 65120 |
| MB 880-65447/5-A | Method Blank | Total/NA | Solid | 8021B | 65447 |
| LCS 880-65120/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65120 |
| LCS 880-65447/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65447 |
| LCSD 880-65120/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65120 |
| LCSD 880-65447/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65447 |
| 880-34567-61 MS | FL 186 | Total/NA | Solid | 8021B | 65447 |
| 880-34567-61 MSD | FL 186 | Total/NA | Solid | 8021B | 65447 |

### Prep Batch: 65447

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-50 | FL 175 | Total/NA | Solid | 5035 | |
| 880-34567-61 | FL 186 | Total/NA | Solid | 5035 | |
| 880-34567-62 | FL 187 | Total/NA | Solid | 5035 | |
| 880-34567-63 | FL 188 | Total/NA | Solid | 5035 | |
| 880-34567-64 | FL 189 | Total/NA | Solid | 5035 | |
| 880-34567-65 | FL 190 | Total/NA | Solid | 5035 | |
| 880-34567-66 | FL 191 | Total/NA | Solid | 5035 | |
| 880-34567-67 | FL 192 | Total/NA | Solid | 5035 | |
| 880-34567-68 | FL 193 | Total/NA | Solid | 5035 | |
| 880-34567-70 | FL 195 | Total/NA | Solid | 5035 | |
| 880-34567-71 | FL 196 | Total/NA | Solid | 5035 | |
| MB 880-65447/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65447/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-65447/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-34567-61 MS | FL 186 | Total/NA | Solid | 5035 | |
| 880-34567-61 MSD | FL 186 | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## GC Semi VOA

### Prep Batch: 64960

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-1 | FL 126 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-2 | FL 127 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-3 | FL 128 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-4 | FL 129 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-5 | FL 130 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-6 | FL 131 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-7 | FL 132 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-8 | FL 133 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-9 | FL 134 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-10 | FL 135 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-11 | FL 136 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-12 | FL 137 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-13 | FL 138 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-14 | FL 139 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-15 | FL 140 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-16 | FL 141 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-17 | FL 142 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-18 | FL 143 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-19 | FL 144 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-20 | FL 145 | Total/NA | Solid | 8015NM Prep | |
| MB 880-64960/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-64960/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-64960/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-34567-1 MS | FL 126 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-1 MSD | FL 126 | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 64966

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-21 | FL 146 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-22 | FL 147 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-23 | FL 148 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-24 | FL 149 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-25 | FL 150 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-26 | FL 151 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-27 | FL 152 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-28 | FL 153 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-29 | FL 154 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-30 | FL 155 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-31 | FL 156 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-32 | FL 157 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-33 | FL 158 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-34 | FL 159 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-35 | FL 160 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-36 | FL 161 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-37 | FL 162 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-38 | FL 163 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-39 | FL 164 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-40 | FL 165 | Total/NA | Solid | 8015NM Prep | |
| MB 880-64966/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-64966/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-64966/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## GC Semi VOA (Continued)

### Prep Batch: 64966 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-21 MS | FL 146 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-21 MSD | FL 146 | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 64971

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-41 | FL 166 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-42 | FL 167 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-43 | FL 168 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-44 | FL 169 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-45 | FL 170 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-46 | FL 171 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-47 | FL 172 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-48 | FL 173 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-49 | FL 174 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-50 | FL 175 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-51 | FL 176 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-52 | FL 177 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-53 | FL 178 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-54 | FL 179 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-55 | FL 180 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-56 | FL 181 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-57 | FL 182 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-58 | FL 183 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-59 | FL 184 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-60 | FL 185 | Total/NA | Solid | 8015NM Prep | |
| MB 880-64971/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-64971/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-64971/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-34567-41 MS | FL 166 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-41 MSD | FL 166 | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 64972

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-61 | FL 186 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-62 | FL 187 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-63 | FL 188 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-64 | FL 189 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-65 | FL 190 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-66 | FL 191 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-67 | FL 192 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-68 | FL 193 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-70 | FL 195 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-71 | FL 196 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-72 | FL 197 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-74 | FL 199 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-75 | FL 200 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-76 | FL 201 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-77 | FL 202 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-78 | FL 203 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-79 | FL 204 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-80 | FL 205 | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## GC Semi VOA (Continued)

### Prep Batch: 64972 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-83 | FL 208 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-84 | FL 209 | Total/NA | Solid | 8015NM Prep | |
| MB 880-64972/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-64972/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-64972/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-34567-61 MS | FL 186 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-61 MSD | FL 186 | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 65018

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-1 | FL 126 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-2 | FL 127 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-3 | FL 128 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-4 | FL 129 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-5 | FL 130 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-6 | FL 131 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-7 | FL 132 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-8 | FL 133 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-9 | FL 134 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-10 | FL 135 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-11 | FL 136 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-12 | FL 137 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-13 | FL 138 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-14 | FL 139 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-15 | FL 140 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-16 | FL 141 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-17 | FL 142 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-18 | FL 143 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-19 | FL 144 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-20 | FL 145 | Total/NA | Solid | 8015B NM | 64960 |
| MB 880-64960/1-A | Method Blank | Total/NA | Solid | 8015B NM | 64960 |
| LCS 880-64960/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 64960 |
| LCSD 880-64960/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-1 MS | FL 126 | Total/NA | Solid | 8015B NM | 64960 |
| 880-34567-1 MSD | FL 126 | Total/NA | Solid | 8015B NM | 64960 |

### Analysis Batch: 65020

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-21 | FL 146 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-22 | FL 147 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-23 | FL 148 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-24 | FL 149 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-25 | FL 150 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-26 | FL 151 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-27 | FL 152 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-28 | FL 153 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-29 | FL 154 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-30 | FL 155 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-31 | FL 156 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-32 | FL 157 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-33 | FL 158 | Total/NA | Solid | 8015B NM | 64966 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## GC Semi VOA (Continued)

### Analysis Batch: 65020 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-34 | FL 159 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-35 | FL 160 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-36 | FL 161 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-37 | FL 162 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-38 | FL 163 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-39 | FL 164 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-40 | FL 165 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-81 | FL 206 | Total/NA | Solid | 8015B NM | 65061 |
| 880-34567-82 | FL 207 | Total/NA | Solid | 8015B NM | 65061 |
| 880-34567-85 | FL 210 | Total/NA | Solid | 8015B NM | 65061 |
| MB 880-64966/1-A | Method Blank | Total/NA | Solid | 8015B NM | 64966 |
| MB 880-65061/1-A | Method Blank | Total/NA | Solid | 8015B NM | 65061 |
| LCS 880-64966/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 64966 |
| LCS 880-65061/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 65061 |
| LCSD 880-64966/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 64966 |
| LCSD 880-65061/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 65061 |
| 880-34567-21 MS | FL 146 | Total/NA | Solid | 8015B NM | 64966 |
| 880-34567-21 MSD | FL 146 | Total/NA | Solid | 8015B NM | 64966 |

### Prep Batch: 65061

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-81 | FL 206 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-82 | FL 207 | Total/NA | Solid | 8015NM Prep | |
| 880-34567-85 | FL 210 | Total/NA | Solid | 8015NM Prep | |
| MB 880-65061/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-65061/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-65061/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 65128

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-41 | FL 166 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-42 | FL 167 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-43 | FL 168 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-44 | FL 169 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-45 | FL 170 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-46 | FL 171 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-47 | FL 172 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-48 | FL 173 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-49 | FL 174 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-50 | FL 175 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-51 | FL 176 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-52 | FL 177 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-53 | FL 178 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-54 | FL 179 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-55 | FL 180 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-56 | FL 181 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-57 | FL 182 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-58 | FL 183 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-59 | FL 184 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-60 | FL 185 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-61 | FL 186 | Total/NA | Solid | 8015B NM | 64972 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## GC Semi VOA (Continued)

### Analysis Batch: 65128 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-62 | FL 187 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-63 | FL 188 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-64 | FL 189 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-65 | FL 190 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-66 | FL 191 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-67 | FL 192 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-68 | FL 193 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-70 | FL 195 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-71 | FL 196 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-72 | FL 197 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-74 | FL 199 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-75 | FL 200 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-76 | FL 201 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-77 | FL 202 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-78 | FL 203 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-79 | FL 204 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-80 | FL 205 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-83 | FL 208 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-84 | FL 209 | Total/NA | Solid | 8015B NM | 64972 |
| MB 880-64971/1-A | Method Blank | Total/NA | Solid | 8015B NM | 64971 |
| MB 880-64972/1-A | Method Blank | Total/NA | Solid | 8015B NM | 64972 |
| LCS 880-64971/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 64971 |
| LCS 880-64972/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 64972 |
| LCSD 880-64971/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 64971 |
| LCSD 880-64972/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-41 MS | FL 166 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-41 MSD | FL 166 | Total/NA | Solid | 8015B NM | 64971 |
| 880-34567-61 MS | FL 186 | Total/NA | Solid | 8015B NM | 64972 |
| 880-34567-61 MSD | FL 186 | Total/NA | Solid | 8015B NM | 64972 |

### Analysis Batch: 65139

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-1 | FL 126 | Total/NA | Solid | 8015 NM | |
| 880-34567-2 | FL 127 | Total/NA | Solid | 8015 NM | |
| 880-34567-3 | FL 128 | Total/NA | Solid | 8015 NM | |
| 880-34567-4 | FL 129 | Total/NA | Solid | 8015 NM | |
| 880-34567-5 | FL 130 | Total/NA | Solid | 8015 NM | |
| 880-34567-6 | FL 131 | Total/NA | Solid | 8015 NM | |
| 880-34567-7 | FL 132 | Total/NA | Solid | 8015 NM | |
| 880-34567-8 | FL 133 | Total/NA | Solid | 8015 NM | |
| 880-34567-9 | FL 134 | Total/NA | Solid | 8015 NM | |
| 880-34567-10 | FL 135 | Total/NA | Solid | 8015 NM | |
| 880-34567-11 | FL 136 | Total/NA | Solid | 8015 NM | |
| 880-34567-12 | FL 137 | Total/NA | Solid | 8015 NM | |
| 880-34567-13 | FL 138 | Total/NA | Solid | 8015 NM | |
| 880-34567-14 | FL 139 | Total/NA | Solid | 8015 NM | |
| 880-34567-15 | FL 140 | Total/NA | Solid | 8015 NM | |
| 880-34567-16 | FL 141 | Total/NA | Solid | 8015 NM | |
| 880-34567-17 | FL 142 | Total/NA | Solid | 8015 NM | |
| 880-34567-18 | FL 143 | Total/NA | Solid | 8015 NM | |
| 880-34567-19 | FL 144 | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## GC Semi VOA (Continued)

### Analysis Batch: 65139 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-20 | FL 145 | Total/NA | Solid | 8015 NM | |
| 880-34567-21 | FL 146 | Total/NA | Solid | 8015 NM | |
| 880-34567-22 | FL 147 | Total/NA | Solid | 8015 NM | |
| 880-34567-23 | FL 148 | Total/NA | Solid | 8015 NM | |
| 880-34567-24 | FL 149 | Total/NA | Solid | 8015 NM | |
| 880-34567-25 | FL 150 | Total/NA | Solid | 8015 NM | |
| 880-34567-26 | FL 151 | Total/NA | Solid | 8015 NM | |
| 880-34567-27 | FL 152 | Total/NA | Solid | 8015 NM | |
| 880-34567-28 | FL 153 | Total/NA | Solid | 8015 NM | |
| 880-34567-29 | FL 154 | Total/NA | Solid | 8015 NM | |
| 880-34567-30 | FL 155 | Total/NA | Solid | 8015 NM | |
| 880-34567-31 | FL 156 | Total/NA | Solid | 8015 NM | |
| 880-34567-32 | FL 157 | Total/NA | Solid | 8015 NM | |
| 880-34567-33 | FL 158 | Total/NA | Solid | 8015 NM | |
| 880-34567-34 | FL 159 | Total/NA | Solid | 8015 NM | |
| 880-34567-35 | FL 160 | Total/NA | Solid | 8015 NM | |
| 880-34567-36 | FL 161 | Total/NA | Solid | 8015 NM | |
| 880-34567-37 | FL 162 | Total/NA | Solid | 8015 NM | |
| 880-34567-38 | FL 163 | Total/NA | Solid | 8015 NM | |
| 880-34567-39 | FL 164 | Total/NA | Solid | 8015 NM | |
| 880-34567-40 | FL 165 | Total/NA | Solid | 8015 NM | |
| 880-34567-41 | FL 166 | Total/NA | Solid | 8015 NM | |
| 880-34567-42 | FL 167 | Total/NA | Solid | 8015 NM | |
| 880-34567-43 | FL 168 | Total/NA | Solid | 8015 NM | |
| 880-34567-44 | FL 169 | Total/NA | Solid | 8015 NM | |
| 880-34567-45 | FL 170 | Total/NA | Solid | 8015 NM | |
| 880-34567-46 | FL 171 | Total/NA | Solid | 8015 NM | |
| 880-34567-47 | FL 172 | Total/NA | Solid | 8015 NM | |
| 880-34567-48 | FL 173 | Total/NA | Solid | 8015 NM | |
| 880-34567-49 | FL 174 | Total/NA | Solid | 8015 NM | |
| 880-34567-50 | FL 175 | Total/NA | Solid | 8015 NM | |
| 880-34567-51 | FL 176 | Total/NA | Solid | 8015 NM | |
| 880-34567-52 | FL 177 | Total/NA | Solid | 8015 NM | |
| 880-34567-53 | FL 178 | Total/NA | Solid | 8015 NM | |
| 880-34567-54 | FL 179 | Total/NA | Solid | 8015 NM | |
| 880-34567-55 | FL 180 | Total/NA | Solid | 8015 NM | |
| 880-34567-56 | FL 181 | Total/NA | Solid | 8015 NM | |
| 880-34567-57 | FL 182 | Total/NA | Solid | 8015 NM | |
| 880-34567-58 | FL 183 | Total/NA | Solid | 8015 NM | |
| 880-34567-59 | FL 184 | Total/NA | Solid | 8015 NM | |
| 880-34567-60 | FL 185 | Total/NA | Solid | 8015 NM | |
| 880-34567-61 | FL 186 | Total/NA | Solid | 8015 NM | |
| 880-34567-62 | FL 187 | Total/NA | Solid | 8015 NM | |
| 880-34567-63 | FL 188 | Total/NA | Solid | 8015 NM | |
| 880-34567-64 | FL 189 | Total/NA | Solid | 8015 NM | |
| 880-34567-65 | FL 190 | Total/NA | Solid | 8015 NM | |
| 880-34567-66 | FL 191 | Total/NA | Solid | 8015 NM | |
| 880-34567-67 | FL 192 | Total/NA | Solid | 8015 NM | |
| 880-34567-68 | FL 193 | Total/NA | Solid | 8015 NM | |
| 880-34567-70 | FL 195 | Total/NA | Solid | 8015 NM | |
| 880-34567-71 | FL 196 | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## GC Semi VOA (Continued)

### Analysis Batch: 65139 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-72 | FL 197 | Total/NA | Solid | 8015 NM | |
| 880-34567-74 | FL 199 | Total/NA | Solid | 8015 NM | |
| 880-34567-75 | FL 200 | Total/NA | Solid | 8015 NM | |
| 880-34567-76 | FL 201 | Total/NA | Solid | 8015 NM | |
| 880-34567-77 | FL 202 | Total/NA | Solid | 8015 NM | |
| 880-34567-78 | FL 203 | Total/NA | Solid | 8015 NM | |
| 880-34567-79 | FL 204 | Total/NA | Solid | 8015 NM | |
| 880-34567-80 | FL 205 | Total/NA | Solid | 8015 NM | |
| 880-34567-81 | FL 206 | Total/NA | Solid | 8015 NM | |
| 880-34567-82 | FL 207 | Total/NA | Solid | 8015 NM | |
| 880-34567-83 | FL 208 | Total/NA | Solid | 8015 NM | |
| 880-34567-84 | FL 209 | Total/NA | Solid | 8015 NM | |
| 880-34567-85 | FL 210 | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 64947

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-1 | FL 126 | Soluble | Solid | DI Leach | |
| 880-34567-2 | FL 127 | Soluble | Solid | DI Leach | |
| 880-34567-3 | FL 128 | Soluble | Solid | DI Leach | |
| 880-34567-4 | FL 129 | Soluble | Solid | DI Leach | |
| 880-34567-5 | FL 130 | Soluble | Solid | DI Leach | |
| 880-34567-6 | FL 131 | Soluble | Solid | DI Leach | |
| 880-34567-7 | FL 132 | Soluble | Solid | DI Leach | |
| 880-34567-8 | FL 133 | Soluble | Solid | DI Leach | |
| 880-34567-9 | FL 134 | Soluble | Solid | DI Leach | |
| 880-34567-10 | FL 135 | Soluble | Solid | DI Leach | |
| 880-34567-11 | FL 136 | Soluble | Solid | DI Leach | |
| 880-34567-12 | FL 137 | Soluble | Solid | DI Leach | |
| 880-34567-13 | FL 138 | Soluble | Solid | DI Leach | |
| 880-34567-14 | FL 139 | Soluble | Solid | DI Leach | |
| 880-34567-15 | FL 140 | Soluble | Solid | DI Leach | |
| 880-34567-16 | FL 141 | Soluble | Solid | DI Leach | |
| 880-34567-17 | FL 142 | Soluble | Solid | DI Leach | |
| MB 880-64947/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64947/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64947/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34567-8 MS | FL 133 | Soluble | Solid | DI Leach | |
| 880-34567-8 MSD | FL 133 | Soluble | Solid | DI Leach | |

### Leach Batch: 64948

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-18 | FL 143 | Soluble | Solid | DI Leach | |
| 880-34567-19 | FL 144 | Soluble | Solid | DI Leach | |
| 880-34567-20 | FL 145 | Soluble | Solid | DI Leach | |
| 880-34567-21 | FL 146 | Soluble | Solid | DI Leach | |
| 880-34567-22 | FL 147 | Soluble | Solid | DI Leach | |
| 880-34567-23 | FL 148 | Soluble | Solid | DI Leach | |
| 880-34567-24 | FL 149 | Soluble | Solid | DI Leach | |
| 880-34567-25 | FL 150 | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## HPLC/IC (Continued)

### Leach Batch: 64948 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-26 | FL 151 | Soluble | Solid | DI Leach | |
| 880-34567-27 | FL 152 | Soluble | Solid | DI Leach | |
| 880-34567-28 | FL 153 | Soluble | Solid | DI Leach | |
| 880-34567-29 | FL 154 | Soluble | Solid | DI Leach | |
| 880-34567-30 | FL 155 | Soluble | Solid | DI Leach | |
| 880-34567-31 | FL 156 | Soluble | Solid | DI Leach | |
| 880-34567-32 | FL 157 | Soluble | Solid | DI Leach | |
| 880-34567-33 | FL 158 | Soluble | Solid | DI Leach | |
| 880-34567-34 | FL 159 | Soluble | Solid | DI Leach | |
| 880-34567-35 | FL 160 | Soluble | Solid | DI Leach | |
| 880-34567-36 | FL 161 | Soluble | Solid | DI Leach | |
| 880-34567-37 | FL 162 | Soluble | Solid | DI Leach | |
| MB 880-64948/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64948/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64948/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34567-18 MS | FL 143 | Soluble | Solid | DI Leach | |
| 880-34567-18 MSD | FL 143 | Soluble | Solid | DI Leach | |
| 880-34567-28 MS | FL 153 | Soluble | Solid | DI Leach | |
| 880-34567-28 MSD | FL 153 | Soluble | Solid | DI Leach | |

### Leach Batch: 64949

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-38 | FL 163 | Soluble | Solid | DI Leach | |
| 880-34567-39 | FL 164 | Soluble | Solid | DI Leach | |
| 880-34567-40 | FL 165 | Soluble | Solid | DI Leach | |
| 880-34567-41 | FL 166 | Soluble | Solid | DI Leach | |
| 880-34567-42 | FL 167 | Soluble | Solid | DI Leach | |
| 880-34567-43 | FL 168 | Soluble | Solid | DI Leach | |
| 880-34567-44 | FL 169 | Soluble | Solid | DI Leach | |
| 880-34567-45 | FL 170 | Soluble | Solid | DI Leach | |
| 880-34567-46 | FL 171 | Soluble | Solid | DI Leach | |
| 880-34567-47 | FL 172 | Soluble | Solid | DI Leach | |
| 880-34567-48 | FL 173 | Soluble | Solid | DI Leach | |
| 880-34567-49 | FL 174 | Soluble | Solid | DI Leach | |
| 880-34567-50 | FL 175 | Soluble | Solid | DI Leach | |
| 880-34567-51 | FL 176 | Soluble | Solid | DI Leach | |
| 880-34567-52 | FL 177 | Soluble | Solid | DI Leach | |
| 880-34567-53 | FL 178 | Soluble | Solid | DI Leach | |
| 880-34567-54 | FL 179 | Soluble | Solid | DI Leach | |
| 880-34567-55 | FL 180 | Soluble | Solid | DI Leach | |
| 880-34567-56 | FL 181 | Soluble | Solid | DI Leach | |
| 880-34567-57 | FL 182 | Soluble | Solid | DI Leach | |
| MB 880-64949/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64949/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64949/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34567-38 MS | FL 163 | Soluble | Solid | DI Leach | |
| 880-34567-38 MSD | FL 163 | Soluble | Solid | DI Leach | |
| 880-34567-48 MS | FL 173 | Soluble | Solid | DI Leach | |
| 880-34567-48 MSD | FL 173 | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## HPLC/IC

### Leach Batch: 64950

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-58 | FL 183 | Soluble | Solid | DI Leach | |
| 880-34567-59 | FL 184 | Soluble | Solid | DI Leach | |
| 880-34567-60 | FL 185 | Soluble | Solid | DI Leach | |
| 880-34567-61 | FL 186 | Soluble | Solid | DI Leach | |
| 880-34567-62 | FL 187 | Soluble | Solid | DI Leach | |
| 880-34567-63 | FL 188 | Soluble | Solid | DI Leach | |
| 880-34567-64 | FL 189 | Soluble | Solid | DI Leach | |
| 880-34567-65 | FL 190 | Soluble | Solid | DI Leach | |
| 880-34567-66 | FL 191 | Soluble | Solid | DI Leach | |
| 880-34567-67 | FL 192 | Soluble | Solid | DI Leach | |
| 880-34567-68 | FL 193 | Soluble | Solid | DI Leach | |
| 880-34567-70 | FL 195 | Soluble | Solid | DI Leach | |
| 880-34567-71 | FL 196 | Soluble | Solid | DI Leach | |
| 880-34567-72 | FL 197 | Soluble | Solid | DI Leach | |
| 880-34567-74 | FL 199 | Soluble | Solid | DI Leach | |
| 880-34567-75 | FL 200 | Soluble | Solid | DI Leach | |
| 880-34567-76 | FL 201 | Soluble | Solid | DI Leach | |
| 880-34567-77 | FL 202 | Soluble | Solid | DI Leach | |
| MB 880-64950/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64950/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64950/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34567-58 MS | FL 183 | Soluble | Solid | DI Leach | |
| 880-34567-58 MSD | FL 183 | Soluble | Solid | DI Leach | |
| 880-34567-68 MS | FL 193 | Soluble | Solid | DI Leach | |
| 880-34567-68 MSD | FL 193 | Soluble | Solid | DI Leach | |

### Leach Batch: 64951

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-78 | FL 203 | Soluble | Solid | DI Leach | |
| 880-34567-79 | FL 204 | Soluble | Solid | DI Leach | |
| 880-34567-80 | FL 205 | Soluble | Solid | DI Leach | |
| 880-34567-81 | FL 206 | Soluble | Solid | DI Leach | |
| 880-34567-82 | FL 207 | Soluble | Solid | DI Leach | |
| 880-34567-83 | FL 208 | Soluble | Solid | DI Leach | |
| 880-34567-84 | FL 209 | Soluble | Solid | DI Leach | |
| 880-34567-85 | FL 210 | Soluble | Solid | DI Leach | |
| MB 880-64951/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64951/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64951/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34567-78 MS | FL 203 | Soluble | Solid | DI Leach | |
| 880-34567-78 MSD | FL 203 | Soluble | Solid | DI Leach | |

### Analysis Batch: 65010

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-1 | FL 126 | Soluble | Solid | 300.0 | 64947 |
| 880-34567-2 | FL 127 | Soluble | Solid | 300.0 | 64947 |
| 880-34567-3 | FL 128 | Soluble | Solid | 300.0 | 64947 |
| 880-34567-4 | FL 129 | Soluble | Solid | 300.0 | 64947 |
| 880-34567-5 | FL 130 | Soluble | Solid | 300.0 | 64947 |
| 880-34567-6 | FL 131 | Soluble | Solid | 300.0 | 64947 |
| 880-34567-7 | FL 132 | Soluble | Solid | 300.0 | 64947 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## HPLC/IC (Continued)

### Analysis Batch: 65010 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-8 | FL 133 | Soluble | Solid | 300.0 | 64947 |
| 880-34567-9 | FL 134 | Soluble | Solid | 300.0 | 64947 |
| 880-34567-10 | FL 135 | Soluble | Solid | 300.0 | 64947 |
| 880-34567-11 | FL 136 | Soluble | Solid | 300.0 | 64947 |
| 880-34567-12 | FL 137 | Soluble | Solid | 300.0 | 64947 |
| 880-34567-13 | FL 138 | Soluble | Solid | 300.0 | 64947 |
| 880-34567-14 | FL 139 | Soluble | Solid | 300.0 | 64947 |
| 880-34567-15 | FL 140 | Soluble | Solid | 300.0 | 64947 |
| 880-34567-16 | FL 141 | Soluble | Solid | 300.0 | 64947 |
| 880-34567-17 | FL 142 | Soluble | Solid | 300.0 | 64947 |
| MB 880-64947/1-A | Method Blank | Soluble | Solid | 300.0 | 64947 |
| LCS 880-64947/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64947 |
| LCSD 880-64947/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64947 |
| 880-34567-8 MS | FL 133 | Soluble | Solid | 300.0 | 64947 |
| 880-34567-8 MSD | FL 133 | Soluble | Solid | 300.0 | 64947 |

### Analysis Batch: 65173

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-18 | FL 143 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-19 | FL 144 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-20 | FL 145 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-21 | FL 146 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-22 | FL 147 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-23 | FL 148 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-24 | FL 149 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-25 | FL 150 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-26 | FL 151 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-27 | FL 152 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-28 | FL 153 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-29 | FL 154 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-30 | FL 155 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-31 | FL 156 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-32 | FL 157 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-33 | FL 158 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-34 | FL 159 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-35 | FL 160 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-36 | FL 161 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-37 | FL 162 | Soluble | Solid | 300.0 | 64948 |
| MB 880-64948/1-A | Method Blank | Soluble | Solid | 300.0 | 64948 |
| LCS 880-64948/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64948 |
| LCSD 880-64948/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64948 |
| 880-34567-18 MS | FL 143 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-18 MSD | FL 143 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-28 MS | FL 153 | Soluble | Solid | 300.0 | 64948 |
| 880-34567-28 MSD | FL 153 | Soluble | Solid | 300.0 | 64948 |

### Analysis Batch: 65190

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-38 | FL 163 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-39 | FL 164 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-40 | FL 165 | Soluble | Solid | 300.0 | 64949 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## HPLC/IC (Continued)

### Analysis Batch: 65190 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-41 | FL 166 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-42 | FL 167 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-43 | FL 168 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-44 | FL 169 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-45 | FL 170 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-46 | FL 171 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-47 | FL 172 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-48 | FL 173 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-49 | FL 174 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-50 | FL 175 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-51 | FL 176 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-52 | FL 177 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-53 | FL 178 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-54 | FL 179 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-55 | FL 180 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-56 | FL 181 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-57 | FL 182 | Soluble | Solid | 300.0 | 64949 |
| MB 880-64949/1-A | Method Blank | Soluble | Solid | 300.0 | 64949 |
| LCS 880-64949/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64949 |
| LCSD 880-64949/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64949 |
| 880-34567-38 MS | FL 163 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-38 MSD | FL 163 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-48 MS | FL 173 | Soluble | Solid | 300.0 | 64949 |
| 880-34567-48 MSD | FL 173 | Soluble | Solid | 300.0 | 64949 |

### Analysis Batch: 65191

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-78 | FL 203 | Soluble | Solid | 300.0 | 64951 |
| 880-34567-79 | FL 204 | Soluble | Solid | 300.0 | 64951 |
| 880-34567-80 | FL 205 | Soluble | Solid | 300.0 | 64951 |
| 880-34567-81 | FL 206 | Soluble | Solid | 300.0 | 64951 |
| 880-34567-82 | FL 207 | Soluble | Solid | 300.0 | 64951 |
| 880-34567-83 | FL 208 | Soluble | Solid | 300.0 | 64951 |
| 880-34567-84 | FL 209 | Soluble | Solid | 300.0 | 64951 |
| 880-34567-85 | FL 210 | Soluble | Solid | 300.0 | 64951 |
| MB 880-64951/1-A | Method Blank | Soluble | Solid | 300.0 | 64951 |
| LCS 880-64951/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64951 |
| LCSD 880-64951/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64951 |
| 880-34567-78 MS | FL 203 | Soluble | Solid | 300.0 | 64951 |
| 880-34567-78 MSD | FL 203 | Soluble | Solid | 300.0 | 64951 |

### Analysis Batch: 65192

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-58 | FL 183 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-59 | FL 184 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-60 | FL 185 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-61 | FL 186 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-62 | FL 187 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-63 | FL 188 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-64 | FL 189 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-65 | FL 190 | Soluble | Solid | 300.0 | 64950 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## HPLC/IC (Continued)

### Analysis Batch: 65192 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34567-66 | FL 191 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-67 | FL 192 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-68 | FL 193 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-70 | FL 195 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-71 | FL 196 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-72 | FL 197 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-74 | FL 199 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-75 | FL 200 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-76 | FL 201 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-77 | FL 202 | Soluble | Solid | 300.0 | 64950 |
| MB 880-64950/1-A | Method Blank | Soluble | Solid | 300.0 | 64950 |
| LCS 880-64950/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64950 |
| LCSD 880-64950/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64950 |
| 880-34567-58 MS | FL 183 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-58 MSD | FL 183 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-68 MS | FL 193 | Soluble | Solid | 300.0 | 64950 |
| 880-34567-68 MSD | FL 193 | Soluble | Solid | 300.0 | 64950 |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 126

**Lab Sample ID: 880-34567-1**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 12:01 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 12:01 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 10:44 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 10:44 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 13:03 | CH | EET MID |

## Client Sample ID: FL 127

**Lab Sample ID: 880-34567-2**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 12:27 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 12:27 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 11:50 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 11:50 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 13:10 | CH | EET MID |

## Client Sample ID: FL 128

**Lab Sample ID: 880-34567-3**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 12:53 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 12:53 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 12:12 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 12:12 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 13:30 | CH | EET MID |

## Client Sample ID: FL 129

**Lab Sample ID: 880-34567-4**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 13:19 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 13:19 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 129

**Lab Sample ID: 880-34567-4**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 12:33 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 12:33 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 13:37 | CH | EET MID |

## Client Sample ID: FL 130

**Lab Sample ID: 880-34567-5**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 13:45 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 13:45 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 12:55 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 12:55 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 13:43 | CH | EET MID |

## Client Sample ID: FL 131

**Lab Sample ID: 880-34567-6**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 14:11 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 14:11 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 13:17 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 13:17 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 13:50 | CH | EET MID |

## Client Sample ID: FL 132

**Lab Sample ID: 880-34567-7**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 14:37 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 14:37 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 13:38 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 13:38 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 132

**Lab Sample ID: 880-34567-7**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 13:56 | CH | EET MID |

## Client Sample ID: FL 133

**Lab Sample ID: 880-34567-8**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 15:04 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 15:04 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 14:00 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 14:00 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 14:03 | CH | EET MID |

## Client Sample ID: FL 134

**Lab Sample ID: 880-34567-9**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 15:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 15:30 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 14:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 14:22 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 14:23 | CH | EET MID |

## Client Sample ID: FL 135

**Lab Sample ID: 880-34567-10**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 15:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 15:56 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 14:44 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.10 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 14:44 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 14:30 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 136

**Lab Sample ID: 880-34567-11**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 17:40 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 17:40 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 15:31 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.10 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 15:31 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 14:49 | CH | EET MID |

## Client Sample ID: FL 137

**Lab Sample ID: 880-34567-12**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.04 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 18:06 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 18:06 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 15:52 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 15:52 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 14:56 | CH | EET MID |

## Client Sample ID: FL 138

**Lab Sample ID: 880-34567-13**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 18:32 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 18:32 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 16:14 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 16:14 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 15:03 | CH | EET MID |

## Client Sample ID: FL 139

**Lab Sample ID: 880-34567-14**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 18:58 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 18:58 | SM | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 139

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-14**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 16:36 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 16:36 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 15:09 | CH | EET MID |

## Client Sample ID: FL 140

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-15**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 19:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 19:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 16:58 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 16:58 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 15:16 | CH | EET MID |

## Client Sample ID: FL 141

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-16**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 19:48 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 19:48 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 17:20 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 17:20 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 15:23 | CH | EET MID |

## Client Sample ID: FL 142

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-17**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 20:14 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 20:14 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 17:42 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 17:42 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 142

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

## Lab Sample ID: 880-34567-17

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 64947 | 10/18/23 10:35 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65010 | 10/20/23 15:29 | CH | EET MID |

## Client Sample ID: FL 143

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

## Lab Sample ID: 880-34567-18

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64996 | 10/18/23 15:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65137 | 10/20/23 20:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 20:39 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 18:04 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 18:04 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 19:37 | CH | EET MID |

## Client Sample ID: FL 144

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

## Lab Sample ID: 880-34567-19

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65159 | 10/20/23 14:22 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65138 | 10/21/23 17:31 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 17:31 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 18:26 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 18:26 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 19:54 | CH | EET MID |

## Client Sample ID: FL 145

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

## Lab Sample ID: 880-34567-20

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65159 | 10/20/23 14:22 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65138 | 10/21/23 17:52 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 17:52 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 18:47 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 64960 | 10/18/23 11:53 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65018 | 10/19/23 18:47 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 20:00 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 146

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-21**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/21/23 17:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 17:39 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 10:44 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 10:44 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 20:06 | CH | EET MID |

## Client Sample ID: FL 147

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-22**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/21/23 18:04 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 18:04 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 11:50 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 11:50 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 20:11 | CH | EET MID |

## Client Sample ID: FL 148

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-23**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/21/23 18:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 18:30 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 12:12 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 12:12 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 20:28 | CH | EET MID |

## Client Sample ID: FL 149

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-24**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/21/23 18:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 18:56 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 149

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-24**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 12:33 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 12:33 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 20:34 | CH | EET MID |

## Client Sample ID: FL 150

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-25**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/21/23 19:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 19:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 12:55 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 12:55 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 20:39 | CH | EET MID |

## Client Sample ID: FL 151

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-26**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/21/23 19:48 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 19:48 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 13:17 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 13:17 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 20:45 | CH | EET MID |

## Client Sample ID: FL 152

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-27**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/21/23 20:14 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 20:14 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 13:38 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.08 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 13:38 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 152

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-27**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 20:51 | CH | EET MID |

## Client Sample ID: FL 153

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-28**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/21/23 20:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 20:39 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 14:00 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 14:00 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 20:56 | CH | EET MID |

## Client Sample ID: FL 154

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-29**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/21/23 21:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 21:05 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 14:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 14:22 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 21:13 | CH | EET MID |

## Client Sample ID: FL 155

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-30**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/21/23 21:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 21:30 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 14:44 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 14:44 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 21:19 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 156

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-31**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/21/23 23:13 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 23:13 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 15:31 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 15:31 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 21:36 | CH | EET MID |

## Client Sample ID: FL 157

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-32**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/21/23 23:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 23:39 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 15:52 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 15:52 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 21:41 | CH | EET MID |

## Client Sample ID: FL 158

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-33**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 00:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/22/23 00:05 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 16:14 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 16:14 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 21:47 | CH | EET MID |

## Client Sample ID: FL 159

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-34**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 00:31 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/22/23 00:31 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 159

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-34**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 16:36 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 16:36 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 21:53 | CH | EET MID |

## Client Sample ID: FL 160

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-35**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 00:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/22/23 00:56 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 16:58 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 16:58 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 21:58 | CH | EET MID |

## Client Sample ID: FL 161

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-36**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 01:22 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/22/23 01:22 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 17:20 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 17:20 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 22:04 | CH | EET MID |

## Client Sample ID: FL 162

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-37**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 01:48 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/22/23 01:48 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 17:42 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 17:42 | SM | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 162

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-37**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64948 | 10/18/23 10:39 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65173 | 10/20/23 22:10 | CH | EET MID |

## Client Sample ID: FL 163

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-38**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 02:13 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/22/23 02:13 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 18:04 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 18:04 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 00:06 | CH | EET MID |

## Client Sample ID: FL 164

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-39**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 02:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/22/23 02:39 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 18:26 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 18:26 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 00:26 | CH | EET MID |

## Client Sample ID: FL 165

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-40**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 64997 | 10/18/23 15:11 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 03:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/22/23 03:05 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 18:47 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 64966 | 10/18/23 11:55 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 18:47 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 00:33 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 166

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-41**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 17:18 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/24/23 17:18 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 10:46 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 10:46 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 00:40 | CH | EET MID |

## Client Sample ID: FL 167

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-42**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 17:38 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/24/23 17:38 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 11:52 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 11:52 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 00:46 | CH | EET MID |

## Client Sample ID: FL 168

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-43**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 17:59 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/24/23 17:59 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 12:14 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 12:14 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 01:06 | CH | EET MID |

## Client Sample ID: FL 169

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-44**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 18:19 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/24/23 18:19 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 169

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-44**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 12:36 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 12:36 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 01:13 | CH | EET MID |

## Client Sample ID: FL 170

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-45**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 18:40 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/24/23 18:40 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 12:57 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 12:57 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 01:19 | CH | EET MID |

## Client Sample ID: FL 171

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-46**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 19:00 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/24/23 19:00 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 13:19 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 13:19 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 01:26 | CH | EET MID |

## Client Sample ID: FL 172

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-47**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 19:20 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/24/23 19:20 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 13:41 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 13:41 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 172

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-47**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 01:33 | CH | EET MID |

## Client Sample ID: FL 173

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-48**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 19:41 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/24/23 19:41 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 14:02 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 14:02 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 01:39 | CH | EET MID |

## Client Sample ID: FL 174

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-49**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 20:01 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/24/23 20:01 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 14:25 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 14:25 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 01:59 | CH | EET MID |

## Client Sample ID: FL 175

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-50**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65447 | 10/24/23 09:04 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/25/23 04:32 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/25/23 04:32 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 14:46 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 14:46 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 02:06 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 176

**Lab Sample ID: 880-34567-51**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65117 | 10/19/23 17:26 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 20:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/22/23 20:30 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 15:32 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 15:32 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 02:26 | CH | EET MID |

## Client Sample ID: FL 177

**Lab Sample ID: 880-34567-52**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65117 | 10/19/23 17:26 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 20:57 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/22/23 20:57 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 15:54 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 15:54 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 02:32 | CH | EET MID |

## Client Sample ID: FL 178

**Lab Sample ID: 880-34567-53**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65117 | 10/19/23 17:26 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 21:50 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/22/23 21:50 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 16:16 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 16:16 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 02:39 | CH | EET MID |

## Client Sample ID: FL 179

**Lab Sample ID: 880-34567-54**

**Date Collected: 10/13/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65117 | 10/19/23 17:26 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 22:17 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/22/23 22:17 | SM | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 179

**Lab Sample ID: 880-34567-54**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 16:37 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 16:37 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 02:46 | CH | EET MID |

## Client Sample ID: FL 180

**Lab Sample ID: 880-34567-55**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 65117 | 10/19/23 17:26 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 22:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/22/23 22:42 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 17:00 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 17:00 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 02:52 | CH | EET MID |

## Client Sample ID: FL 181

**Lab Sample ID: 880-34567-56**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65117 | 10/19/23 17:26 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 23:07 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/22/23 23:07 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 17:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 17:22 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 02:59 | CH | EET MID |

## Client Sample ID: FL 182

**Lab Sample ID: 880-34567-57**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65117 | 10/19/23 17:26 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 23:33 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/22/23 23:33 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 17:43 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 17:43 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 182

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-57**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64949 | 10/18/23 10:41 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65190 | 10/21/23 03:05 | CH | EET MID |

## Client Sample ID: FL 183

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-58**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65117 | 10/19/23 17:26 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/22/23 23:58 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/22/23 23:58 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 18:05 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 18:05 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 14:15 | CH | EET MID |

## Client Sample ID: FL 184

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-59**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65117 | 10/19/23 17:26 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/23/23 00:24 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/23/23 00:24 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 18:26 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 18:26 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 14:35 | CH | EET MID |

## Client Sample ID: FL 185

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-60**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65117 | 10/19/23 17:26 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65272 | 10/23/23 00:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/23/23 00:49 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 18:48 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.10 g | 10 mL | 64971 | 10/18/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 18:48 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 14:41 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 186

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-61**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65447 | 10/24/23 09:04 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 23:39 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/24/23 23:39 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 20:33 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 20:33 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 14:48 | CH | EET MID |

## Client Sample ID: FL 187

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-62**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65447 | 10/24/23 09:04 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/25/23 00:00 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/25/23 00:00 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 21:36 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 21:36 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 14:55 | CH | EET MID |

## Client Sample ID: FL 188

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-63**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 65447 | 10/24/23 09:04 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/25/23 00:20 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/25/23 00:20 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 21:57 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 21:57 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 15:15 | CH | EET MID |

## Client Sample ID: FL 189

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-64**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65447 | 10/24/23 09:04 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/25/23 00:40 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/25/23 00:40 | SM | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 189

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-64**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 22:18 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 22:18 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 15:21 | CH | EET MID |

## Client Sample ID: FL 190

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-65**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65447 | 10/24/23 09:04 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/25/23 01:01 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/25/23 01:01 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 22:39 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 22:39 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 15:28 | CH | EET MID |

## Client Sample ID: FL 191

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-66**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65447 | 10/24/23 09:04 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/25/23 01:21 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/25/23 01:21 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 23:01 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 23:01 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 15:35 | CH | EET MID |

## Client Sample ID: FL 192

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-67**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65447 | 10/24/23 09:04 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/25/23 01:42 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/25/23 01:42 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 23:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 23:22 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 192

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-67**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 15:41 | CH | EET MID |

## Client Sample ID: FL 193

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-68**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65447 | 10/24/23 09:04 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/25/23 02:02 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/25/23 02:02 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 23:43 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/20/23 23:43 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 15:48 | CH | EET MID |

## Client Sample ID: FL 195

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-70**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65447 | 10/24/23 09:04 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/25/23 02:22 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/25/23 02:22 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/21/23 00:04 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/21/23 00:04 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 16:08 | CH | EET MID |

## Client Sample ID: FL 196

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-71**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65447 | 10/24/23 09:04 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/25/23 02:43 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/25/23 02:43 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/21/23 00:26 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/21/23 00:26 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 16:15 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 197

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-72**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65105 | 10/19/23 16:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65136 | 10/20/23 16:44 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 16:44 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/21/23 01:08 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/21/23 01:08 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 16:35 | CH | EET MID |

## Client Sample ID: FL 199

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-74**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65105 | 10/19/23 16:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65136 | 10/20/23 17:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 17:05 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/21/23 01:29 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/21/23 01:29 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 16:41 | CH | EET MID |

## Client Sample ID: FL 200

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-75**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65105 | 10/19/23 16:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65136 | 10/20/23 17:25 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 17:25 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/21/23 01:51 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/21/23 01:51 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 16:48 | CH | EET MID |

## Client Sample ID: FL 201

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-76**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65105 | 10/19/23 16:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65136 | 10/20/23 17:46 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 17:46 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 201

**Lab Sample ID: 880-34567-76**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/21/23 02:12 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/21/23 02:12 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 16:55 | CH | EET MID |

## Client Sample ID: FL 202

**Lab Sample ID: 880-34567-77**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65105 | 10/19/23 16:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65136 | 10/20/23 18:06 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 18:06 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/21/23 02:34 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/21/23 02:34 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64950 | 10/18/23 10:44 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65192 | 10/23/23 17:02 | CH | EET MID |

## Client Sample ID: FL 203

**Lab Sample ID: 880-34567-78**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65105 | 10/19/23 16:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65136 | 10/20/23 18:27 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 18:27 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/21/23 02:55 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/21/23 02:55 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 18:37 | CH | EET MID |

## Client Sample ID: FL 204

**Lab Sample ID: 880-34567-79**
**Matrix: Solid**
**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65105 | 10/19/23 16:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65136 | 10/20/23 18:47 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 18:47 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/21/23 03:16 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/21/23 03:16 | SM | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 204

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-79**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 18:57 | CH | EET MID |

## Client Sample ID: FL 205

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-80**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65105 | 10/19/23 16:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65136 | 10/20/23 19:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 19:08 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/21/23 03:37 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/21/23 03:37 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 19:03 | CH | EET MID |

## Client Sample ID: FL 206

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-81**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65105 | 10/19/23 16:10 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65136 | 10/20/23 19:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/20/23 19:28 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 23:33 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 65061 | 10/19/23 14:03 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 23:33 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 19:10 | CH | EET MID |

## Client Sample ID: FL 207

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-82**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65159 | 10/20/23 14:22 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65138 | 10/21/23 11:07 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 11:07 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/19/23 23:56 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 65061 | 10/19/23 14:03 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/19/23 23:56 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 19:17 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Client Sample ID: FL 208

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-83**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65159 | 10/20/23 14:22 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65138 | 10/21/23 11:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 11:28 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/21/23 03:58 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/21/23 03:58 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 19:37 | CH | EET MID |

## Client Sample ID: FL 209

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-84**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65159 | 10/20/23 14:22 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65138 | 10/21/23 11:48 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 11:48 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/21/23 04:19 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 64972 | 10/18/23 12:18 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65128 | 10/21/23 04:19 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 19:43 | CH | EET MID |

## Client Sample ID: FL 210

**Date Collected: 10/13/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34567-85**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65159 | 10/20/23 14:22 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65138 | 10/21/23 12:09 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65415 | 10/21/23 12:09 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65139 | 10/20/23 00:18 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 65061 | 10/19/23 14:03 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/20/23 00:18 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 19:50 | CH | EET MID |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

## Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Texas | NELAP | T104704400-23-26 | 06-30-24 |

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

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

# Method Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

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

**Protocol References:**

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

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

# Sample Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 880-34567-1 | FL 126 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-2 | FL 127 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-3 | FL 128 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-4 | FL 129 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-5 | FL 130 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-6 | FL 131 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-7 | FL 132 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-8 | FL 133 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-9 | FL 134 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-10 | FL 135 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-11 | FL 136 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-12 | FL 137 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-13 | FL 138 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-14 | FL 139 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-15 | FL 140 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-16 | FL 141 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-17 | FL 142 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-18 | FL 143 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-19 | FL 144 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-20 | FL 145 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-21 | FL 146 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-22 | FL 147 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-23 | FL 148 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-24 | FL 149 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-25 | FL 150 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-26 | FL 151 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-27 | FL 152 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-28 | FL 153 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-29 | FL 154 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-30 | FL 155 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-31 | FL 156 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-32 | FL 157 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-33 | FL 158 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-34 | FL 159 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-35 | FL 160 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-36 | FL 161 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-37 | FL 162 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-38 | FL 163 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-39 | FL 164 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-40 | FL 165 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-41 | FL 166 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-42 | FL 167 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-43 | FL 168 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-44 | FL 169 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-45 | FL 170 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-46 | FL 171 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-47 | FL 172 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-48 | FL 173 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-49 | FL 174 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-50 | FL 175 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-51 | FL 176 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-52 | FL 177 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-53 | FL 178 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-54 | FL 179 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |

# Sample Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34567-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 880-34567-55 | FL 180 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-56 | FL 181 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-57 | FL 182 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-58 | FL 183 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-59 | FL 184 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-60 | FL 185 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-61 | FL 186 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-62 | FL 187 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-63 | FL 188 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-64 | FL 189 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-65 | FL 190 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-66 | FL 191 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-67 | FL 192 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-68 | FL 193 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-70 | FL 195 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-71 | FL 196 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-72 | FL 197 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-74 | FL 199 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-75 | FL 200 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-76 | FL 201 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-77 | FL 202 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-78 | FL 203 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-79 | FL 204 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-80 | FL 205 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-81 | FL 206 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-82 | FL 207 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-83 | FL 208 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-84 | FL 209 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |
| 880-34567-85 | FL 210 | Solid | 10/13/23 00:00 | 10/18/23 10:29 |

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Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

880-34567 Chain of Custody

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| | | | |
|---|---|---|---|
| Project Manager: | Bradley Wells | Bill to: (if different) | Timsan Bricker |
| Company Name: | Hungry Horse LLC | Company Name: | Select Energy Services, LLC |
| Address: | 4024 Plains Hwy | Address: | 1502 E Greene St. |
| City, State ZIP | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone | 575 393-3386 Email: | | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab if received by 4.30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank: | Yes (No) | Wet Ice: | (Yes) No |
| Samples Received Intact: | (Yes) No | Thermometer ID | IR8 |
| Cooler Custody Seals: | Yes No (N/A) | Correction Factor: | 0.2 |
| Sample Custody Seals | Yes No (N/A) | Temperature Reading | 1.3 |
| Total Containers: | | Corrected Temperature | 1.5 |

**ANALYSIS REQUEST**

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH |
|---|---|---|---|---|---|---|---|---|---|---|
| FL126 | S | 10/13/23 | | | C | 1 | | X | X | X |
| FL127 | S | 10/13/23 | | | C | 1 | | X | X | X |
| FL128 | S | 10/13/23 | | | C | 1 | | X | X | X |
| FL129 | S | 10/13/23 | | | C | 1 | | X | X | X |
| FL130 | S | 10/13/23 | | | C | 1 | | X | X | X |
| FL131 | S | 10/13/23 | | | C | 1 | | X | X | X |
| FL132 | S | 10/13/23 | | | C | 1 | | X | X | X |
| FL133 | S | 10/13/23 | | | C | 1 | | X | X | X |
| FL134 | S | 10/13/23 | | | C | 1 | | X | X | X |
| FL135 | S | 10/13/23 | | | C | 1 | | X | X | X |

**Preservative Codes**

None: NO DI Water: $H_2O$
Cool: Cool MeOH: Me
HCL: HC $HNO_3$: HN
$H_2SO_4$: $H_2$ NaOH: Na
$H_3PO_4$: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

**Sample Comments**

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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

| | Relinquished by: (Signature) | Received by: (Signature) | Date/Time | | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|---|---|
| 1 | | | 10-16-23 4:00 | 2 | | | 10/18/23 1029 |
| 3 | | | | 4 | | | |
| 5 | | | | 6 | | | |

Revised Date: 08/25/2020 Rev: 2020.2

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# Chain of Custody

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EL Paso, TX (915) 585-3443 Lubbock TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

**Work Order No:** _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to: (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City, State ZIP | Lovington, NM 88260 | City State ZIP | Carlsbad |
| Phone | 575 393-3386 Email | tbricker@selectwater com and pm@hungry-horse com | |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name: | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4.30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No | |
| Samples Received Intact | Yes No | Thermometer ID | | |
| Cooler Custody Seals: | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**Preservative Codes**

None: NO DI Water: $H_2O$
Cool: Cool MeOH: Me
HCL: HC $HNO_3$: HN
$H_2SO_4$: $H_2$ NaOH: Na
$H_3PO_4$: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | Parameters: CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL136 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL137 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL138 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL139 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL140 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL141 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL142 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL143 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL144 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL145 | S | 10/13/23 | | | C | 1 | | X | X | X | |

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date: 08/25/2020 Rev. 2020.2

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# Chain of Custody

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

**Work Order No:** _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to: (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address | 1502 E. Greene St. |
| City, State ZIP | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone: | 575 393-3386 Email: | | tbricker@selectwater.com and pm@hungry-horse.com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name: | J3 Pit | Turn Around | |
| Project Number: | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date: | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab if received by 4:30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice: | Yes No | |
| Samples Received Intact | Yes No | Thermometer ID: | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2SO_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | Parameters: CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL146 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL147 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL148 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL149 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL150 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL151 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL152 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL153 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL154 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL155 | S | 10/13/23 | | | C | 1 | | X | X | X | |

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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| | Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|---|
| 1 | | | 10 10 23 4 02 | 2 | | |
| 3 | | | | 4 | | |
| 5 | | | | 6 | | |

Revised Date: 08/25/2020 Rev: 2020.2

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

**Work Order No:** _____

www.xenco.com Page 1 of 9

| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to. (if different) | Timsan Bricker |
| Company Name. | Hungry Horse LLC | Company Name: | Select Energy Services LLC |
| Address. | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City, State ZIP | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone. | 575 393-3386 | Email | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables. EDD ☐ ADaPT ☐ Other

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name. | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4.30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No | |
| Samples Received Intact. | Yes No | Thermometer ID | | |
| Cooler Custody Seals. | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature. | | |

**Preservative Codes**

None: NO DI Water: $H_2O$
Cool: Cool MeOH Me
HCL. HC $HNO_3$ HN
$H_2S0_4$ $H_2$ NaOH Na
$H_3PO_4$ HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$. $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL156 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL157 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL158 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL159 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL160 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL161 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL162 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL163 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL164 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL165 | S | 10/13/23 | | | C | 1 | | X | X | X | |

ANALYSIS REQUEST — Parameters

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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| Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 10-14-23 4:32 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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EL Paso TX (915) 585-3443, Lubbock TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad NM (575) 988-3199

**Work Order No:** _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City, State ZIP | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone | 575 393-3386 Email | tbricker@selectwater.com and pm@hungry-horse.com | |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4:30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No | |
| Samples Received Intact | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2SO_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | Parameters: CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL166 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL167 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL168 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL169 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL170 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL171 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL172 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL173 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL174 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL175 | S | 10/13/23 | | | C | 1 | | X | X | X | |

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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| | Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|---|
| 1 | | | 10-14-23 3:40 | 2 | | |
| 3 | | | | 4 | | |
| 5 | | | | 6 | | |

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# Chain of Custody

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

**Work Order No:** _____

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| | | | |
|---|---|---|---|
| Project Manager: | Bradley Wells | Bill to: (if different) | Timsan Bricker |
| Company Name: | Hungry Horse LLC | Company Name: | Select Energy Services LLC |
| Address: | 4024 Plains Hwy | Address: | 1502 E Greene St |
| City, State ZIP: | Lovington, NM 88260 | City, State ZIP: | Carlsbad |
| Phone: | 575 393-3386 | Email: | tbricker@selectwater.com and pm@hungry-horse.com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name: | J3 Pit | Turn Around | |
| Project Number: | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name: | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4 30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No | |
| Samples Received Intact: | Yes No | Thermometer ID: | | |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers: | | Corrected Temperature | | |

**Preservative Codes**

None: NO — DI Water: $H_2O$
Cool: Cool — MeOH: Me
HCL: HC — $HNO_3$: HN
$H_2SO_4$: $H_2$ — NaOH: Na
$H_3PO_4$: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL176 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL177 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL178 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL179 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL180 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL181 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL182 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL183 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL184 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL185 | S | 10/13/23 | | | C | 1 | | X | X | X | |

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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| | Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|---|
| 1 | | Expo Courier | 11-16-23 4 3 | 2 Expo Courier | | |
| 3 | | | | 4 | | |
| 5 | | | | 6 | | |

Revised Date: 08/25/2020 Rev: 2020.2

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10/25/2023
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# Chain of Custody

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EL Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

**Work Order No:** _____

www.xenco.com Page 1 of 9

| | | | |
|---|---|---|---|
| Project Manager: | Bradley Wells | Bill to: (if different) | Timsan Bricker |
| Company Name: | Hungry Horse LLC | Company Name | Select Energy Services, LLC |
| Address: | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City, State ZIP | Lovington, NM 88260 | City, State ZIP: | Carlsbad |
| Phone: | 575 393-3386 Email: | tbricker@selectwater.com and pm@hungry-horse.com | |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number: | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name: | Jerry Heidelberg | TAT starts the day received by the lab if received by 4.30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice: | Yes No | |
| Samples Received Intact: | Yes No | Thermometer ID | | |
| Cooler Custody Seals: | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**Preservative Codes**

None: NO DI Water: $H_2O$
Cool: Cool MeOH: Me
HCL: HC $HNO_3$: HN
$H_2SO_4$: $H_2$ NaOH: Na
$H_3PO_4$: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL196 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL197 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL198 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL199 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL200 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL201 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL202 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL203 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL204 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL205 | S | 10/13/23 | | | C | 1 | | X | X | X | |

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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| | Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---|---|---|---|---|---|---|
| 1 | | | 10-16-23 4:32 | 2 | | |
| 3 | | | | 4 | | |
| 5 | | | | 6 | | |

Revised Date: 08/25/2020 Rev: 2020.2

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# Chain of Custody

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Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City, State ZIP | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone | 575 393-3386 Email | | tbricker@selectwater.com and pm@hungry-horse.com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4.30pm | |
| PO #. | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No | |
| Samples Received Intact: | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**Preservative Codes**

None: NO DI Water: $H_2O$
Cool: Cool MeOH: Me
HCL: HC $HNO_3$: HN
$H_2SO_4$: $H_2$ NaOH: Na
$H_3PO_4$: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL206 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL207 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL208 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL209 | S | 10/13/23 | | | C | 1 | | X | X | X | |
| FL210 | S | 10/13/23 | | | C | 1 | | X | X | X | |

Parameters

ANALYSIS REQUEST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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|---|---|---|---|---|---|
| 1 | | 11-4-23 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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10/25/2023

# Login Sample Receipt Checklist

Client: Hungry Horse LLC Job Number: 880-34567-1

**Login Number: 34567** **List Source: Eurofins Midland**
**List Number: 1**
**Creator: Kramer, Jessica**

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

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Bradley Wells
Hungry Horse LLC
PO BOX 1058
Hobbs, New Mexico 88241

Generated 10/25/2023 10:50:51 AM

## JOB DESCRIPTION

J3 Pit

## JOB NUMBER

880-34568-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



Released to Imaging: 7/1/2024 1:26:15 PM

# Eurofins Midland

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated
10/25/2023 10:50:51 AM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Client: Hungry Horse LLC
Project/Site: J3 Pit

Laboratory Job ID: 880-34568-1

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# Definitions/Glossary

Client: Hungry Horse LLC Job ID: 880-34568-1
Project/Site: J3 Pit

## Qualifiers

### GC VOA

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

### GC Semi VOA

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

### HPLC/IC

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

## Glossary

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

# Case Narrative

Client: Hungry Horse LLC Job ID: 880-34568-1
Project/Site: J3 Pit

## Job ID: 880-34568-1

### Laboratory: Eurofins Midland

**Narrative**

**Job Narrative**
**880-34568-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

**Receipt**
The samples were received on 10/18/2023 10:29 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C

**Receipt Exceptions**
One or more containers for the following samples were received empty: FL 33 (880-34568-33) and FL 34 (880-34568-34).

One or more containers for the following samples were received empty: FL 30 (880-34568-30) and FL 32 (880-34568-32).

The following samples were listed on the Chain of Custody (COC); however, no samples were received: FL 13 (880-34568-13), FL 14 (880-34568-14), FL 15 (880-34568-15), FL 26 (880-34568-26), FL 28 (880-34568-28), FL 52 (880-34568-52), FL 53 (880-34568-53), FL 54 (880-34568-54), FL 104 (880-34568-104), FL 105 (880-34568-105), FL 106 (880-34568-106), FL 107 (880-34568-107) and FL 108 (880-34568-108).

**GC VOA**
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-65118 and analytical batch 880-65274 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-65275 and analytical batch 880-65322 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-65121 and analytical batch 880-65322 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: FL 100 (880-34568-100), FL 102 (880-34568-102), FL 109 (880-34568-109), FL 110 (880-34568-110), FL 112 (880-34568-112), FL 115 (880-34568-115) and (880-34568-A-94-C MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-65124 and analytical batch 880-65321 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: FL 74 (880-34568-74), FL 75 (880-34568-75), FL 76 (880-34568-76), FL 79 (880-34568-79), FL 80 (880-34568-80), FL 81 (880-34568-81), FL 82 (880-34568-82), FL 83 (880-34568-83), (880-34568-A-74-C MS) and (880-34568-A-74-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-65123 and analytical batch 880-65300 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within

# Case Narrative

Client: Hungry Horse LLC Job ID: 880-34568-1
Project/Site: J3 Pit

## Job ID: 880-34568-1 (Continued)

### Laboratory: Eurofins Midland (Continued)

acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-65335 and analytical batch 880-65321 was outside the control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-65123/1-A) and (LCSD 880-65123/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: FL 85 (880-34568-85), FL 89 (880-34568-89) and FL 92 (880-34568-92). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-65120 and analytical batch 880-65444 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (CCV 880-65443/2), (LCS 880-65122/1-A) and (LCSD 880-65122/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (880-34568-A-50-F MS) and (880-34568-A-50-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: FL 50 (880-34568-50), FL 51 (880-34568-51), FL 55 (880-34568-55), FL 56 (880-34568-56), FL 57 (880-34568-57), FL 58 (880-34568-58), FL 59 (880-34568-59), FL 60 (880-34568-60), FL 61 (880-34568-61), FL 62 (880-34568-62), FL 63 (880-34568-63), FL 64 (880-34568-64), FL 65 (880-34568-65), FL 66 (880-34568-66), FL 67 (880-34568-67), FL 68 (880-34568-68), FL 70 (880-34568-70), FL 71 (880-34568-71), FL 72 (880-34568-72), FL 73 (880-34568-73), (CCV 880-65443/20) and (CCV 880-65443/33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-65122 and analytical batch 880-65443 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

**GC Semi VOA**

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-65061 and analytical batch 880-65020 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-64975 and 880-64979 and analytical batch 880-65266 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FL 1 (880-34568-1), FL 3 (880-34568-3), FL 6 (880-34568-6), FL 7 (880-34568-7), FL 8 (880-34568-8), FL 9 (880-34568-9), FL 10 (880-34568-10) and (880-34568-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FL 11 (880-34568-11), FL 12 (880-34568-12), FL 16 (880-34568-16), FL 17 (880-34568-17), FL 18 (880-34568-18), FL 19 (880-34568-19), FL 20 (880-34568-20), FL 21 (880-34568-21), FL 22 (880-34568-22) and FL 23 (880-34568-23). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FL 24 (880-34568-24), FL 25 (880-34568-25), FL 27 (880-34568-27), FL 29 (880-34568-29), FL 31 (880-34568-31), FL 35 (880-34568-35), FL 36 (880-34568-36), FL 37 (880-34568-37), FL 38 (880-34568-38), FL 39 (880-34568-39), (880-34568-A-24-C MS) and (880-34568-A-24-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

# Case Narrative

Client: Hungry Horse LLC Job ID: 880-34568-1
Project/Site: J3 Pit

## Job ID: 880-34568-1 (Continued)

### Laboratory: Eurofins Midland (Continued)

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FL 40 (880-34568-40), FL 42 (880-34568-42), FL 43 (880-34568-43), FL 44 (880-34568-44), FL 45 (880-34568-45), FL 46 (880-34568-46), FL 47 (880-34568-47) and FL 48 (880-34568-48). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-65266/20), (CCV 880-65266/31), (CCV 880-65266/47), (CCV 880-65266/5), (CCV 880-65266/58) and (LCS 880-64975/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-64975 and 880-64979 and analytical batch 880-65266 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-64984 and analytical batch 880-65264 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FL 94 (880-34568-94), FL 95 (880-34568-95), FL 96 (880-34568-96), FL 100 (880-34568-100), FL 101 (880-34568-101) and FL 102 (880-34568-102). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FL 109 (880-34568-109), FL 111 (880-34568-111) and FL 112 (880-34568-112). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-65264/20). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-64982 and analytical batch 880-65296 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FL 57 (880-34568-57) and FL 67 (880-34568-67). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-64983 and analytical batch 880-65298 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-64983 and analytical batch 880-65298 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

**HPLC/IC**

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-65081 and analytical batch 880-65261 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-64955 and analytical batch 880-65188 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-64953

# Case Narrative

Client: Hungry Horse LLC Job ID: 880-34568-1
Project/Site: J3 Pit

## Job ID: 880-34568-1 (Continued)

### Laboratory: Eurofins Midland (Continued)

and analytical batch 880-65178 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-64954 and analytical batch 880-65186 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-64957 and analytical batch 880-65358 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 1

**Lab Sample ID: 880-34568-1**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:12 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:12 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:12 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:12 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:12 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *70 - 130* | *10/19/23 17:38* | *10/21/23 23:12* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *10/19/23 17:38* | *10/21/23 23:12* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/21/23 23:12 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/21/23 10:57 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U F1 | 49.6 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 10:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U F1 | 49.6 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 10:57 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 10:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *132* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 10:57* | *1* |
| *o-Terphenyl (Surr)* | *121* | | *70 - 130* | *10/18/23 12:24* | *10/21/23 10:57* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **91.8** | | 5.05 | | mg/Kg | | | 10/22/23 19:57 | 1 |

## Client Sample ID: FL 2

**Lab Sample ID: 880-34568-2**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:32 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:32 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:32 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:32 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:32 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *70 - 130* | *10/19/23 17:38* | *10/21/23 23:32* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *10/19/23 17:38* | *10/21/23 23:32* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 2

**Lab Sample ID: 880-34568-2**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/21/23 23:32 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/21/23 12:02 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 12:02 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 12:02 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 12:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *128* | | *70 - 130* | *10/18/23 12:24* | *10/21/23 12:02* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *10/18/23 12:24* | *10/21/23 12:02* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **132** | | 5.05 | | mg/Kg | | | 10/22/23 20:03 | 1 |

## Client Sample ID: FL 3

**Lab Sample ID: 880-34568-3**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:53 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:53 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:53 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:53 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:53 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 23:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *10/19/23 17:38* | *10/21/23 23:53* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *10/19/23 17:38* | *10/21/23 23:53* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/21/23 23:53 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/21/23 12:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 12:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 12:22 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 3

**Lab Sample ID: 880-34568-3**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 12:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *138* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 12:22* | *1* |
| *o-Terphenyl (Surr)* | *130* | | *70 - 130* | *10/18/23 12:24* | *10/21/23 12:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **135** | | 5.04 | | mg/Kg | | | 10/22/23 20:10 | 1 |

## Client Sample ID: FL 4

**Lab Sample ID: 880-34568-4**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:13 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:13 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:13 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:13 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:13 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 00:13* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 00:13* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 00:13 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/21/23 12:44 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 12:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 12:44 | 1 |
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 12:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *125* | | *70 - 130* | *10/18/23 12:24* | *10/21/23 12:44* | *1* |
| *o-Terphenyl (Surr)* | *118* | | *70 - 130* | *10/18/23 12:24* | *10/21/23 12:44* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **116** | | 5.01 | | mg/Kg | | | 10/22/23 20:30 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 5

**Lab Sample ID: 880-34568-5**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:33 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:33 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:33 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:33 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:33 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *83* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 00:33* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 00:33* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 00:33 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/21/23 13:05 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 13:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 13:05 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 13:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *129* | | *70 - 130* | *10/18/23 12:24* | *10/21/23 13:05* | *1* |
| *o-Terphenyl (Surr)* | *117* | | *70 - 130* | *10/18/23 12:24* | *10/21/23 13:05* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **120** | | 4.97 | | mg/Kg | | | 10/22/23 20:37 | 1 |

## Client Sample ID: FL 6

**Lab Sample ID: 880-34568-6**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:54 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:54 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:54 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:54 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:54 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 00:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 00:54* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 00:54* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 6

**Lab Sample ID: 880-34568-6**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 00:54 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/21/23 13:26 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 13:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 13:26 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 13:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *146* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 13:26* | *1* |
| *o-Terphenyl (Surr)* | *134* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 13:26* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **145** | | 4.99 | | mg/Kg | | | 10/22/23 20:57 | 1 |

## Client Sample ID: FL 7

**Lab Sample ID: 880-34568-7**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:14 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:14 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:14 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:14 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:14 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 01:14* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 01:14* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/22/23 01:14 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/21/23 13:47 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 13:47 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 13:47 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 7

**Lab Sample ID: 880-34568-7**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 13:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *146* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 13:47* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 13:47* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **123** | | 4.98 | | mg/Kg | | | 10/22/23 21:03 | 1 |

## Client Sample ID: FL 8

**Lab Sample ID: 880-34568-8**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:35 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:35 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:35 | 1 |
| m,p-Xylenes | <0.00403 | U | 0.00403 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:35 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:35 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 01:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *113* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 01:35* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 10/22/23 01:35 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/21/23 14:08 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 14:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 14:08 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 14:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *152* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 14:08* | *1* |
| *o-Terphenyl (Surr)* | *135* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 14:08* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **151** | | 5.03 | | mg/Kg | | | 10/22/23 21:10 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 9

**Lab Sample ID: 880-34568-9**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:55 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:55 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:55 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:55 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:55 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 01:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 01:55* | *1* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 01:55* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 01:55 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/21/23 14:29 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 14:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 14:29 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 14:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *153* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 14:29* | *1* |
| *o-Terphenyl (Surr)* | *140* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 14:29* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **261** | | 5.05 | | mg/Kg | | | 10/22/23 21:17 | 1 |

## Client Sample ID: FL 10

**Lab Sample ID: 880-34568-10**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 02:15 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 02:15 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 02:15 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 02:15 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 02:15 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 02:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 02:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 02:15* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 10

**Lab Sample ID: 880-34568-10**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 02:15 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/21/23 14:50 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 14:50 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 14:50 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 14:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *137* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 14:50* | *1* |
| *o-Terphenyl (Surr)* | *123* | | *70 - 130* | *10/18/23 12:24* | *10/21/23 14:50* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **199** | | 5.05 | | mg/Kg | | | 10/22/23 21:23 | 1 |

## Client Sample ID: FL 11

**Lab Sample ID: 880-34568-11**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:05 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:05 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:05 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:05 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:05 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 04:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 04:05* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/22/23 04:05 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/21/23 15:33 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 15:33 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 15:33 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 11

**Lab Sample ID: 880-34568-11**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 15:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *140* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 15:33* | *1* |
| *o-Terphenyl (Surr)* | *130* | | *70 - 130* | *10/18/23 12:24* | *10/21/23 15:33* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **193** | | 5.02 | | mg/Kg | | | 10/22/23 21:30 | 1 |

## Client Sample ID: FL 12

**Lab Sample ID: 880-34568-12**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00213 | U | 0.00213 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:25 | 1 |
| Toluene | <0.00213 | U | 0.00213 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:25 | 1 |
| Ethylbenzene | <0.00213 | U | 0.00213 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:25 | 1 |
| m,p-Xylenes | <0.00426 | U | 0.00426 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:25 | 1 |
| o-Xylene | <0.00213 | U | 0.00213 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:25 | 1 |
| Xylenes, Total | <0.00426 | U | 0.00426 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 04:25* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 04:25* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00426 | U | 0.00426 | | mg/Kg | | | 10/22/23 04:25 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/21/23 15:54 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 15:54 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 15:54 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 15:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *139* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 15:54* | *1* |
| *o-Terphenyl (Surr)* | *129* | | *70 - 130* | *10/18/23 12:24* | *10/21/23 15:54* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **249** | | 4.97 | | mg/Kg | | | 10/22/23 21:37 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 16

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-16**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:46 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:46 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:46 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:46 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:46 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 04:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 04:46* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 04:46* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/22/23 04:46 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/21/23 16:15 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 16:15 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 16:15 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 16:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *146* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 16:15* | *1* |
| *o-Terphenyl (Surr)* | *136* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 16:15* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **93.9** | | 5.05 | | mg/Kg | | | 10/21/23 04:06 | 1 |

## Client Sample ID: FL 17

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-17**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:06 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:06 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:06 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:06 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:06 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 05:06* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 05:06* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 17

**Lab Sample ID: 880-34568-17**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/22/23 05:06 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/21/23 16:36 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 16:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 16:36 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 16:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *136* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 16:36* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *10/18/23 12:24* | *10/21/23 16:36* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **127** | | 5.01 | | mg/Kg | | | 10/21/23 04:26 | 1 |

## Client Sample ID: FL 18

**Lab Sample ID: 880-34568-18**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:27 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:27 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:27 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:27 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:27 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 05:27* | *1* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 05:27* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 05:27 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/21/23 16:57 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 16:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 16:57 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 18

**Lab Sample ID: 880-34568-18**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 16:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *145* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 16:57* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 16:57* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **94.4** | | 5.04 | | mg/Kg | | | 10/21/23 04:33 | 1 |

## Client Sample ID: FL 19

**Lab Sample ID: 880-34568-19**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:47 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:47 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:47 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:47 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:47 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 05:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 05:47* | *1* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 05:47* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/22/23 05:47 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/21/23 17:19 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 17:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 17:19 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 17:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *155* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 17:19* | *1* |
| *o-Terphenyl (Surr)* | *141* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 17:19* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **107** | | 5.05 | | mg/Kg | | | 10/21/23 04:39 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 20

**Lab Sample ID: 880-34568-20**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:07 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:07 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:07 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:07 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:07 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 06:07* | *1* |
| *1,4-Difluorobenzene (Surr)* | *116* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 06:07* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/22/23 06:07 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/21/23 17:40 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 17:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 17:40 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 17:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *147* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 17:40* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 17:40* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **101** | | 5.01 | | mg/Kg | | | 10/21/23 04:46 | 1 |

## Client Sample ID: FL 21

**Lab Sample ID: 880-34568-21**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:28 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:28 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:28 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:28 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:28 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 06:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 06:28* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 21

**Lab Sample ID: 880-34568-21**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/22/23 06:28 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/21/23 18:01 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 18:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 18:01 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 18:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *147* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 18:01* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 18:01* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **83.1** | | 5.05 | | mg/Kg | | | 10/21/23 05:06 | 1 |

## Client Sample ID: FL 22

**Lab Sample ID: 880-34568-22**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:48 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:48 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:48 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:48 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:48 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 06:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 06:48* | *1* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 06:48* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/22/23 06:48 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/21/23 18:23 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 18:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 18:23 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 22

**Lab Sample ID: 880-34568-22**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 18:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *138* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 18:23* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *10/18/23 12:24* | *10/21/23 18:23* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **127** | | 5.03 | | mg/Kg | | | 10/21/23 05:13 | 1 |

## Client Sample ID: FL 23

**Lab Sample ID: 880-34568-23**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 07:09 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 07:09 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 07:09 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 07:09 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 07:09 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:38 | 10/22/23 07:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 07:09* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *10/19/23 17:38* | *10/22/23 07:09* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | | 10/22/23 07:09 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/21/23 18:45 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 18:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 18:45 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:24 | 10/21/23 18:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *134* | *S1+* | *70 - 130* | *10/18/23 12:24* | *10/21/23 18:45* | *1* |
| *o-Terphenyl (Surr)* | *121* | | *70 - 130* | *10/18/23 12:24* | *10/21/23 18:45* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **88.0** | | 4.95 | | mg/Kg | | | 10/21/23 05:19 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 24

**Lab Sample ID: 880-34568-24**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:15 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:15 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:15 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:15 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:15 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *76* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 00:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 00:15* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/24/23 00:15 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/21/23 20:32 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 20:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U F1 | 50.3 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 20:32 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 20:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *149* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/21/23 20:32* | *1* |
| *o-Terphenyl (Surr)* | *139* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/21/23 20:32* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **111** | | 4.99 | | mg/Kg | | | 10/21/23 05:26 | 1 |

## Client Sample ID: FL 25

**Lab Sample ID: 880-34568-25**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:36 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:36 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:36 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:36 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:36 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 00:36* | *1* |
| *1,4-Difluorobenzene (Surr)* | *117* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 00:36* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 25

**Lab Sample ID: 880-34568-25**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 00:36 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/21/23 21:36 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 21:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 21:36 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 21:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *146* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/21/23 21:36* | *1* |
| *o-Terphenyl (Surr)* | *133* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/21/23 21:36* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **131** | | 4.99 | | mg/Kg | | | 10/21/23 05:33 | 1 |

## Client Sample ID: FL 27

**Lab Sample ID: 880-34568-27**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:56 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:56 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:56 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:56 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:56 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 00:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 00:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *116* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 00:56* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/24/23 00:56 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/21/23 21:57 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 21:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 21:57 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 27

**Lab Sample ID: 880-34568-27**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 21:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *146* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/21/23 21:57* | *1* |
| *o-Terphenyl (Surr)* | *129* | | *70 - 130* | *10/18/23 12:29* | *10/21/23 21:57* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **163** | **F1** | 4.98 | | mg/Kg | | | 10/21/23 05:39 | 1 |

## Client Sample ID: FL 29

**Lab Sample ID: 880-34568-29**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:17 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:17 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:17 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:17 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:17 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 01:17* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 01:17* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/24/23 01:17 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/21/23 22:18 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 22:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 22:18 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 22:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *147* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/21/23 22:18* | *1* |
| *o-Terphenyl (Surr)* | *132* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/21/23 22:18* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **156** | | 5.04 | | mg/Kg | | | 10/21/23 05:59 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 31

**Lab Sample ID: 880-34568-31**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:37 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:37 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:37 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:37 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:37 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 01:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 01:37* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/24/23 01:37 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/21/23 22:40 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 22:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 22:40 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 22:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *139* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/21/23 22:40* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *10/18/23 12:29* | *10/21/23 22:40* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **162** | | 5.01 | | mg/Kg | | | 10/21/23 06:06 | 1 |

## Client Sample ID: FL 35

**Lab Sample ID: 880-34568-35**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:57 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:57 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:57 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:57 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:57 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 01:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 01:57* | *1* |
| *1,4-Difluorobenzene (Surr)* | *115* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 01:57* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 35

**Lab Sample ID: 880-34568-35**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 01:57 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/21/23 23:01 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 23:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 23:01 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 23:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *150* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/21/23 23:01* | *1* |
| *o-Terphenyl (Surr)* | *134* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/21/23 23:01* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **254** | **F1** | 5.02 | | mg/Kg | | | 10/20/23 20:38 | 1 |

## Client Sample ID: FL 36

**Lab Sample ID: 880-34568-36**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:18 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:18 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:18 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:18 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:18 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 02:18* | *1* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 02:18* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/24/23 02:18 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/21/23 23:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 23:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 23:22 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 36

**Lab Sample ID: 880-34568-36**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 23:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *150* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/21/23 23:22* | *1* |
| *o-Terphenyl (Surr)* | *132* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/21/23 23:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **228** | | 5.01 | | mg/Kg | | | 10/20/23 20:58 | 1 |

## Client Sample ID: FL 37

**Lab Sample ID: 880-34568-37**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:38 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:38 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:38 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:38 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:38 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 02:38* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 02:38* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/24/23 02:38 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/21/23 23:43 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 23:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 23:43 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 23:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *178* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/21/23 23:43* | *1* |
| *o-Terphenyl (Surr)* | *162* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/21/23 23:43* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **190** | | 5.04 | | mg/Kg | | | 10/20/23 21:05 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 38

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-38**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:59 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:59 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:59 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:59 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:59 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 02:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 02:59* | *1* |
| *1,4-Difluorobenzene (Surr)* | *117* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 02:59* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 02:59 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/22/23 00:04 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 00:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 00:04 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 00:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *148* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/22/23 00:04* | *1* |
| *o-Terphenyl (Surr)* | *130* | | *70 - 130* | *10/18/23 12:29* | *10/22/23 00:04* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **276** | | 5.05 | | mg/Kg | | | 10/20/23 21:11 | 1 |

## Client Sample ID: FL 39

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-39**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 03:19 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 03:19 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 03:19 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 03:19 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 03:19 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 03:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 03:19* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 03:19* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 39

**Lab Sample ID: 880-34568-39**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 03:19 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/22/23 00:25 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 00:25 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 00:25 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 00:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *155* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/22/23 00:25* | *1* |
| *o-Terphenyl (Surr)* | *134* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/22/23 00:25* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **158** | | 5.00 | | mg/Kg | | | 10/20/23 21:18 | 1 |

## Client Sample ID: FL 40

**Lab Sample ID: 880-34568-40**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:09 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:09 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:09 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:09 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:09 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *77* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 05:09* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 05:09* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/24/23 05:09 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/22/23 01:08 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 01:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 01:08 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 40

**Lab Sample ID: 880-34568-40**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 01:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *145* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/22/23 01:08* | *1* |
| *o-Terphenyl (Surr)* | *132* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/22/23 01:08* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **109** | | 4.98 | | mg/Kg | | | 10/20/23 21:38 | 1 |

## Client Sample ID: FL 41

**Lab Sample ID: 880-34568-41**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:29 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:29 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:29 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:29 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:29 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 05:29* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 05:29* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/24/23 05:29 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/22/23 01:29 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 01:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 01:29 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 01:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *130* | | *70 - 130* | *10/18/23 12:29* | *10/22/23 01:29* | *1* |
| *o-Terphenyl (Surr)* | *115* | | *70 - 130* | *10/18/23 12:29* | *10/22/23 01:29* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **88.4** | | 5.00 | | mg/Kg | | | 10/20/23 21:45 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 42

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-42**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:50 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:50 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:50 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:50 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:50 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 05:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 05:50* | *1* |
| *1,4-Difluorobenzene (Surr)* | *127* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 05:50* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/24/23 05:50 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/22/23 01:50 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 01:50 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 01:50 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 01:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *145* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/22/23 01:50* | *1* |
| *o-Terphenyl (Surr)* | *128* | | *70 - 130* | *10/18/23 12:29* | *10/22/23 01:50* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **308** | | 5.05 | | mg/Kg | | | 10/20/23 21:51 | 1 |

## Client Sample ID: FL 43

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-43**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:10 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:10 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:10 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:10 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:10 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 06:10* | *1* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 06:10* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 43

**Lab Sample ID: 880-34568-43**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 06:10 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/22/23 02:10 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 02:10 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 02:10 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 02:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *145* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/22/23 02:10* | *1* |
| *o-Terphenyl (Surr)* | *130* | | *70 - 130* | *10/18/23 12:29* | *10/22/23 02:10* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **159** | | 5.03 | | mg/Kg | | | 10/20/23 21:58 | 1 |

## Client Sample ID: FL 44

**Lab Sample ID: 880-34568-44**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:31 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:31 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:31 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:31 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:31 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 06:31* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 06:31* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/24/23 06:31 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/22/23 02:31 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 02:31 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 02:31 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 44

**Lab Sample ID: 880-34568-44**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 02:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *136* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/22/23 02:31* | *1* |
| *o-Terphenyl (Surr)* | *122* | | *70 - 130* | *10/18/23 12:29* | *10/22/23 02:31* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1060** | | 5.04 | | mg/Kg | | | 10/20/23 22:05 | 1 |

## Client Sample ID: FL 45

**Lab Sample ID: 880-34568-45**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:51 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:51 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:51 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:51 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:51 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 06:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 06:51* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 06:51* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 06:51 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/22/23 02:53 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 02:53 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 02:53 | 1 |
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 02:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *156* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/22/23 02:53* | *1* |
| *o-Terphenyl (Surr)* | *139* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/22/23 02:53* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **701** | **F1** | 4.96 | | mg/Kg | | | 10/20/23 22:11 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 46

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-46**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:11 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:11 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:11 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:11 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:11 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 07:11* | *1* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 07:11* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/24/23 07:11 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/22/23 03:14 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 03:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 03:14 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 03:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *149* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/22/23 03:14* | *1* |
| *o-Terphenyl (Surr)* | *132* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/22/23 03:14* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **59.8** | | 4.97 | | mg/Kg | | | 10/20/23 22:31 | 1 |

## Client Sample ID: FL 47

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-47**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:32 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:32 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:32 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:32 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:32 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 07:32* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 07:32* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 47

**Lab Sample ID: 880-34568-47**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/24/23 07:32 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/22/23 03:36 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 03:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 03:36 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 03:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *147* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/22/23 03:36* | *1* |
| *o-Terphenyl (Surr)* | *128* | | *70 - 130* | *10/18/23 12:29* | *10/22/23 03:36* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **103** | | 5.03 | | mg/Kg | | | 10/20/23 22:38 | 1 |

## Client Sample ID: FL 48

**Lab Sample ID: 880-34568-48**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:52 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:52 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:52 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:52 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:52 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 07:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *112* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 07:52* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 07:52* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 07:52 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/22/23 03:57 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 03:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 03:57 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 48

**Lab Sample ID: 880-34568-48**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 03:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *135* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/22/23 03:57* | *1* |
| *o-Terphenyl (Surr)* | *124* | | *70 - 130* | *10/18/23 12:29* | *10/22/23 03:57* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **101** | | 5.02 | | mg/Kg | | | 10/20/23 22:58 | 1 |

## Client Sample ID: FL 49

**Lab Sample ID: 880-34568-49**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 08:13 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 08:13 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 08:13 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 08:13 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 08:13 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:49 | 10/24/23 08:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 08:13* | *1* |
| *1,4-Difluorobenzene (Surr)* | *118* | | *70 - 130* | *10/19/23 17:49* | *10/24/23 08:13* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 08:13 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/22/23 04:18 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 04:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 04:18 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:29 | 10/22/23 04:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *125* | | *70 - 130* | *10/18/23 12:29* | *10/22/23 04:18* | *1* |
| *o-Terphenyl (Surr)* | *109* | | *70 - 130* | *10/18/23 12:29* | *10/22/23 04:18* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **94.4** | | 4.98 | | mg/Kg | | | 10/20/23 23:04 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 50

**Lab Sample ID: 880-34568-50**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 12:16 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 12:16 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 12:16 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 12:16 | 1 |
| o-Xylene | <0.00198 | U F1 | 0.00198 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 12:16 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 12:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *207* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 12:16* | *1* |
| *1,4-Difluorobenzene (Surr)* | *82* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 12:16* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/24/23 12:16 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/23/23 11:02 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 11:02 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 11:02 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 11:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 11:02* | *1* |
| *o-Terphenyl (Surr)* | *93* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 11:02* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **94.8** | | 4.95 | | mg/Kg | | | 10/20/23 23:11 | 1 |

## Client Sample ID: FL 51

**Lab Sample ID: 880-34568-51**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 12:42 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 12:42 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 12:42 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 12:42 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 12:42 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 12:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *134* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 12:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 12:42* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 51

**Lab Sample ID: 880-34568-51**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00400 | U | 0.00400 | | mg/Kg | | | 10/24/23 12:42 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/23/23 12:09 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 12:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 12:09 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 12:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *122* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 12:09* | *1* |
| *o-Terphenyl (Surr)* | *101* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 12:09* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **97.1** | | 5.00 | | mg/Kg | | | 10/20/23 23:18 | 1 |

## Client Sample ID: FL 55

**Lab Sample ID: 880-34568-55**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 13:08 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 13:08 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 13:08 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 13:08 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 13:08 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 13:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *152* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 13:08* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 13:08* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 13:08 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/23/23 12:32 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 12:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 12:32 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 55

**Lab Sample ID: 880-34568-55**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 12:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 12:32* | *1* |
| *o-Terphenyl (Surr)* | *93* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 12:32* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **104** | | 5.02 | | mg/Kg | | | 10/21/23 02:12 | 1 |

## Client Sample ID: FL 56

**Lab Sample ID: 880-34568-56**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 13:34 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 13:34 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 13:34 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 13:34 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 13:34 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 13:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *271* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 13:34* | *1* |
| *1,4-Difluorobenzene (Surr)* | *108* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 13:34* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/24/23 13:34 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/23/23 12:54 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 12:54 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 12:54 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 12:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *119* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 12:54* | *1* |
| *o-Terphenyl (Surr)* | *101* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 12:54* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **104** | | 4.96 | | mg/Kg | | | 10/21/23 02:29 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 57

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-57**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:00 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:00 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:00 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:00 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:00 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *209* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 14:00* | *1* |
| *1,4-Difluorobenzene (Surr)* | *78* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 14:00* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/24/23 14:00 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/23/23 13:16 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 13:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 13:16 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 13:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *145* | *S1+* | *70 - 130* | *10/18/23 12:34* | *10/23/23 13:16* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 13:16* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **102** | | 4.98 | | mg/Kg | | | 10/21/23 02:35 | 1 |

## Client Sample ID: FL 58

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-58**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:26 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:26 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:26 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:26 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:26 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *129* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 14:26* | *1* |
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 14:26* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 58

**Lab Sample ID: 880-34568-58**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 14:26 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/23/23 13:38 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 13:38 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 13:38 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 13:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 13:38* | *1* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 13:38* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **104** | | 5.04 | | mg/Kg | | | 10/21/23 02:41 | 1 |

## Client Sample ID: FL 59

**Lab Sample ID: 880-34568-59**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:52 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:52 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:52 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:52 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:52 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 14:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *199* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 14:52* | *1* |
| *1,4-Difluorobenzene (Surr)* | *84* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 14:52* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 14:52 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/23/23 14:00 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 14:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 14:00 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 59

**Lab Sample ID: 880-34568-59**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 14:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *130* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 14:00* | *1* |
| *o-Terphenyl (Surr)* | *110* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 14:00* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **82.9** | | 5.04 | | mg/Kg | | | 10/21/23 02:46 | 1 |

## Client Sample ID: FL 60

**Lab Sample ID: 880-34568-60**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 15:18 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 15:18 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 15:18 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 15:18 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 15:18 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 15:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *227* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 15:18* | *1* |
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 15:18* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/24/23 15:18 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/23/23 14:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 14:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 14:22 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 14:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 14:22* | *1* |
| *o-Terphenyl (Surr)* | *92* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 14:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **87.9** | | 5.00 | | mg/Kg | | | 10/21/23 03:03 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 61

**Lab Sample ID: 880-34568-61**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 15:44 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 15:44 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 15:44 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 15:44 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 15:44 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 15:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *205* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 15:44* | *1* |
| *1,4-Difluorobenzene (Surr)* | *87* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 15:44* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/24/23 15:44 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/23/23 14:43 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 14:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 14:43 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 14:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 14:43* | *1* |
| *o-Terphenyl (Surr)* | *88* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 14:43* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **78.8** | | 5.01 | | mg/Kg | | | 10/21/23 03:09 | 1 |

## Client Sample ID: FL 62

**Lab Sample ID: 880-34568-62**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 16:10 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 16:10 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 16:10 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 16:10 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 16:10 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 16:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *154* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 16:10* | *1* |
| *1,4-Difluorobenzene (Surr)* | *95* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 16:10* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 62

**Lab Sample ID: 880-34568-62**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/24/23 16:10 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/23/23 15:06 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 15:06 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 15:06 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 15:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *122* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 15:06* | *1* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 15:06* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **104** | | 4.99 | | mg/Kg | | | 10/21/23 03:14 | 1 |

## Client Sample ID: FL 63

**Lab Sample ID: 880-34568-63**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 17:55 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 17:55 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 17:55 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 17:55 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 17:55 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 17:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *199* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 17:55* | *1* |
| *1,4-Difluorobenzene (Surr)* | *119* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 17:55* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 17:55 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/23/23 15:50 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 15:50 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 15:50 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 63

**Lab Sample ID: 880-34568-63**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 15:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *108* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 15:50* | *1* |
| *o-Terphenyl (Surr)* | *91* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 15:50* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **104** | | 5.02 | | mg/Kg | | | 10/21/23 03:20 | 1 |

## Client Sample ID: FL 64

**Lab Sample ID: 880-34568-64**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 18:20 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 18:20 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 18:20 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 18:20 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 18:20 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 18:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *223* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 18:20* | *1* |
| *1,4-Difluorobenzene (Surr)* | *71* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 18:20* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/24/23 18:20 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/23/23 16:12 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 16:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 16:12 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 16:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *110* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 16:12* | *1* |
| *o-Terphenyl (Surr)* | *90* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 16:12* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **99.7** | | 5.03 | | mg/Kg | | | 10/21/23 03:26 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 65

**Lab Sample ID: 880-34568-65**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 18:46 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 18:46 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 18:46 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 18:46 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 18:46 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 18:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *192* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 18:46* | *1* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 18:46* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 18:46 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/23/23 16:33 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 16:33 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 16:33 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 16:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 16:33* | *1* |
| *o-Terphenyl (Surr)* | *90* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 16:33* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **55.7** | **F1** | 4.97 | | mg/Kg | | | 10/21/23 03:31 | 1 |

## Client Sample ID: FL 66

**Lab Sample ID: 880-34568-66**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 19:11 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 19:11 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 19:11 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 19:11 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 19:11 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 19:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *188* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 19:11* | *1* |
| *1,4-Difluorobenzene (Surr)* | *87* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 19:11* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 66

**Lab Sample ID: 880-34568-66**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/24/23 19:11 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/23/23 16:56 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 16:56 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 16:56 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 16:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *124* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 16:56* | *1* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 16:56* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **298** | | 5.04 | | mg/Kg | | | 10/21/23 03:48 | 1 |

## Client Sample ID: FL 67

**Lab Sample ID: 880-34568-67**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 19:37 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 19:37 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 19:37 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 19:37 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 19:37 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 19:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *182* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 19:37* | *1* |
| *1,4-Difluorobenzene (Surr)* | *75* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 19:37* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/24/23 19:37 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/23/23 17:18 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 17:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 17:18 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 67

**Lab Sample ID: 880-34568-67**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 17:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *133* | *S1+* | *70 - 130* | *10/18/23 12:34* | *10/23/23 17:18* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 17:18* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **686** | | 5.01 | | mg/Kg | | | 10/21/23 03:54 | 1 |

## Client Sample ID: FL 68

**Lab Sample ID: 880-34568-68**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:02 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:02 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:02 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:02 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:02 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *169* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 20:02* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 20:02* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/24/23 20:02 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/23/23 17:40 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 17:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 17:40 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 17:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *119* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 17:40* | *1* |
| *o-Terphenyl (Surr)* | *93* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 17:40* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **680** | | 5.02 | | mg/Kg | | | 10/21/23 04:11 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 70

**Lab Sample ID: 880-34568-70**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:28 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:28 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:28 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:28 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:28 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *211* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 20:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *85* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 20:28* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/24/23 20:28 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/23/23 18:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 18:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 18:22 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 18:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *123* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 18:22* | *1* |
| *o-Terphenyl (Surr)* | *98* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 18:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1120** | | 5.05 | | mg/Kg | | | 10/21/23 04:22 | 1 |

## Client Sample ID: FL 71

**Lab Sample ID: 880-34568-71**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:53 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:53 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:53 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:53 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:53 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 20:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *244* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 20:53* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 20:53* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 71

**Lab Sample ID: 880-34568-71**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/24/23 20:53 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/23/23 18:44 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 18:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 18:44 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 18:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 18:44* | *1* |
| *o-Terphenyl (Surr)* | *92* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 18:44* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1150** | | 5.05 | | mg/Kg | | | 10/21/23 04:28 | 1 |

## Client Sample ID: FL 72

**Lab Sample ID: 880-34568-72**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 21:18 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 21:18 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 21:18 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 21:18 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 21:18 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 21:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *197* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 21:18* | *1* |
| *1,4-Difluorobenzene (Surr)* | *87* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 21:18* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 21:18 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/23/23 19:05 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 19:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 19:05 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 72

**Lab Sample ID: 880-34568-72**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 19:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 19:05* | *1* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* | *10/18/23 12:34* | *10/23/23 19:05* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **845** | | 5.00 | | mg/Kg | | | 10/21/23 04:33 | 1 |

## Client Sample ID: FL 73

**Lab Sample ID: 880-34568-73**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 21:44 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 21:44 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 21:44 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 21:44 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 21:44 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:51 | 10/24/23 21:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *247* | *S1+* | *70 - 130* | *10/19/23 17:51* | *10/24/23 21:44* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *10/19/23 17:51* | *10/24/23 21:44* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 21:44 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/23/23 11:02 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 11:02 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U F1 | 49.8 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 11:02 | 1 |
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 11:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *77* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 11:02* | *1* |
| *o-Terphenyl (Surr)* | *81* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 11:02* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **941** | **F1** | 5.04 | | mg/Kg | | | 10/20/23 20:14 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 74

**Lab Sample ID: 880-34568-74**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U F1 F2 | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 17:10 | 1 |
| Toluene | <0.00200 | U F2 | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 17:10 | 1 |
| Ethylbenzene | <0.00200 | U F2 | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 17:10 | 1 |
| m,p-Xylenes | <0.00401 | U F2 | 0.00401 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 17:10 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 17:10 | 1 |
| Xylenes, Total | <0.00401 | U F2 | 0.00401 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 17:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *162* | *S1+* | *70 - 130* | *10/19/23 17:53* | *10/23/23 17:10* | *1* |
| *1,4-Difluorobenzene (Surr)* | *85* | | *70 - 130* | *10/19/23 17:53* | *10/23/23 17:10* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/23/23 17:10 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/23/23 12:09 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 12:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 12:09 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 12:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *80* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 12:09* | *1* |
| *o-Terphenyl (Surr)* | *76* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 12:09* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1220** | | 5.03 | | mg/Kg | | | 10/20/23 20:34 | 1 |

## Client Sample ID: FL 75

**Lab Sample ID: 880-34568-75**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 13:15 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 13:15 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 13:15 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 13:15 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 13:15 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 13:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *204* | *S1+* | *70 - 130* | *10/19/23 17:53* | *10/23/23 13:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* | *10/19/23 17:53* | *10/23/23 13:15* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 75

**Lab Sample ID: 880-34568-75**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/23/23 13:15 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/23/23 12:32 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 12:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 12:32 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 12:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *77* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 12:32* | *1* |
| *o-Terphenyl (Surr)* | *72* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 12:32* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **114** | | 5.03 | | mg/Kg | | | 10/20/23 20:41 | 1 |

## Client Sample ID: FL 76

**Lab Sample ID: 880-34568-76**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 13:41 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 13:41 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 13:41 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 13:41 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 13:41 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 13:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *161* | *S1+* | *70 - 130* | *10/19/23 17:53* | *10/23/23 13:41* | *1* |
| *1,4-Difluorobenzene (Surr)* | *83* | | *70 - 130* | *10/19/23 17:53* | *10/23/23 13:41* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/23/23 13:41 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/23/23 12:54 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 12:54 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 12:54 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 76

**Lab Sample ID: 880-34568-76**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 12:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *79* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 12:54* | *1* |
| *o-Terphenyl (Surr)* | *83* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 12:54* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **106** | | 5.01 | | mg/Kg | | | 10/20/23 20:47 | 1 |

## Client Sample ID: FL 77

**Lab Sample ID: 880-34568-77**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:07 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:07 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:07 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:07 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:07 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *128* | | *70 - 130* | *10/19/23 17:53* | *10/23/23 14:07* | *1* |
| *1,4-Difluorobenzene (Surr)* | *72* | | *70 - 130* | *10/19/23 17:53* | *10/23/23 14:07* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/23/23 14:07 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/23/23 13:16 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 13:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 13:16 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 13:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 13:16* | *1* |
| *o-Terphenyl (Surr)* | *109* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 13:16* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **91.8** | | 5.02 | | mg/Kg | | | 10/20/23 20:54 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 78

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-78**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:33 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:33 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:33 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:33 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:33 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *111* | | *70 - 130* | *10/19/23 17:53* | *10/23/23 14:33* | *1* |
| *1,4-Difluorobenzene (Surr)* | *79* | | *70 - 130* | *10/19/23 17:53* | *10/23/23 14:33* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/23/23 14:33 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/23/23 13:38 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 13:38 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 13:38 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 13:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *85* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 13:38* | *1* |
| *o-Terphenyl (Surr)* | *90* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 13:38* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **108** | | 4.97 | | mg/Kg | | | 10/20/23 21:14 | 1 |

## Client Sample ID: FL 79

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-79**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:59 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:59 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:59 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:59 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:59 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 14:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *162* | *S1+* | *70 - 130* | *10/19/23 17:53* | *10/23/23 14:59* | *1* |
| *1,4-Difluorobenzene (Surr)* | *73* | | *70 - 130* | *10/19/23 17:53* | *10/23/23 14:59* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 79

**Lab Sample ID: 880-34568-79**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 10/23/23 14:59 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/23/23 14:00 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 14:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 14:00 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 14:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *93* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 14:00* | *1* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 14:00* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **85.7** | | 5.00 | | mg/Kg | | | 10/20/23 21:21 | 1 |

## Client Sample ID: FL 80

**Lab Sample ID: 880-34568-80**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 15:26 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 15:26 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 15:26 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 15:26 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 15:26 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 15:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *192* | *S1+* | *70 - 130* | *10/19/23 17:53* | *10/23/23 15:26* | *1* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* | *10/19/23 17:53* | *10/23/23 15:26* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/23/23 15:26 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/23/23 14:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 14:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 14:22 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 80

**Lab Sample ID: 880-34568-80**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 14:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *91* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 14:22* | *1* |
| *o-Terphenyl (Surr)* | *94* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 14:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **89.4** | | 4.96 | | mg/Kg | | | 10/20/23 21:27 | 1 |

## Client Sample ID: FL 81

**Lab Sample ID: 880-34568-81**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 15:52 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 15:52 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 15:52 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 15:52 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 15:52 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 15:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *234* | *S1+* | *70 - 130* | *10/19/23 17:53* | *10/23/23 15:52* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *10/19/23 17:53* | *10/23/23 15:52* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/23/23 15:52 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/23/23 14:43 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 14:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 14:43 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 14:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 14:43* | *1* |
| *o-Terphenyl (Surr)* | *117* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 14:43* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **94.6** | | 5.01 | | mg/Kg | | | 10/20/23 21:34 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 82

**Lab Sample ID: 880-34568-82**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 16:18 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 16:18 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 16:18 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 16:18 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 16:18 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 16:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *230* | *S1+* | *70 - 130* | *10/19/23 17:53* | *10/23/23 16:18* | *1* |
| *1,4-Difluorobenzene (Surr)* | *85* | | *70 - 130* | *10/19/23 17:53* | *10/23/23 16:18* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/23/23 16:18 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/23/23 15:06 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 15:06 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 15:06 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 15:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 15:06* | *1* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 15:06* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **104** | | 5.03 | | mg/Kg | | | 10/20/23 21:40 | 1 |

## Client Sample ID: FL 83

**Lab Sample ID: 880-34568-83**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 16:44 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 16:44 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 16:44 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 16:44 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 16:44 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 16:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *186* | *S1+* | *70 - 130* | *10/19/23 17:53* | *10/23/23 16:44* | *1* |
| *1,4-Difluorobenzene (Surr)* | *75* | | *70 - 130* | *10/19/23 17:53* | *10/23/23 16:44* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 83

**Lab Sample ID: 880-34568-83**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/23/23 16:44 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/23/23 15:50 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 15:50 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 15:50 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 15:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *91* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 15:50* | *1* |
| *o-Terphenyl (Surr)* | *98* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 15:50* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **57.5** | **F1** | 5.03 | | mg/Kg | | | 10/20/23 21:47 | 1 |

## Client Sample ID: FL 84

**Lab Sample ID: 880-34568-84**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 11:49 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 11:49 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 11:49 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 11:49 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 11:49 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 11:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *74* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 11:49* | *1* |
| *1,4-Difluorobenzene (Surr)* | *72* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 11:49* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/24/23 11:49 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/23/23 16:12 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 16:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 16:12 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 84

**Lab Sample ID: 880-34568-84**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 16:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 16:12* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 16:12* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **94.4** | | 5.01 | | mg/Kg | | | 10/20/23 22:07 | 1 |

## Client Sample ID: FL 85

**Lab Sample ID: 880-34568-85**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:10 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:10 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:10 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:10 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:10 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *59* | *S1-* | *70 - 130* | *10/23/23 14:42* | *10/24/23 12:10* | *1* |
| *1,4-Difluorobenzene (Surr)* | *81* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 12:10* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/24/23 12:10 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/23/23 16:33 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 16:33 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 16:33 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 16:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *73* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 16:33* | *1* |
| *o-Terphenyl (Surr)* | *76* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 16:33* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **107** | | 5.02 | | mg/Kg | | | 10/20/23 22:14 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 86

**Lab Sample ID: 880-34568-86**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:30 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:30 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:30 | 1 |
| m,p-Xylenes | <0.00404 | U | 0.00404 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:30 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:30 | 1 |
| Xylenes, Total | <0.00404 | U | 0.00404 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *74* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 12:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 12:30* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00404 | U | 0.00404 | | mg/Kg | | | 10/24/23 12:30 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/23/23 16:56 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 16:56 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 16:56 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 16:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 16:56* | *1* |
| *o-Terphenyl (Surr)* | *117* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 16:56* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **104** | | 5.00 | | mg/Kg | | | 10/20/23 22:34 | 1 |

## Client Sample ID: FL 87

**Lab Sample ID: 880-34568-87**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:51 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:51 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:51 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:51 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:51 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 12:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 12:51* | *1* |
| *1,4-Difluorobenzene (Surr)* | *77* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 12:51* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 87

**Lab Sample ID: 880-34568-87**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 12:51 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/23/23 17:18 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 17:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 17:18 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 17:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *92* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 17:18* | *1* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 17:18* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **106** | | 5.03 | | mg/Kg | | | 10/20/23 22:40 | 1 |

## Client Sample ID: FL 88

**Lab Sample ID: 880-34568-88**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:12 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:12 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:12 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:12 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:12 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *83* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 13:12* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 13:12* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 13:12 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/23/23 17:40 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 17:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 17:40 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 88

**Lab Sample ID: 880-34568-88**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 17:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *83* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 17:40* | *1* |
| *o-Terphenyl (Surr)* | *88* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 17:40* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **97.1** | | 4.99 | | mg/Kg | | | 10/20/23 22:47 | 1 |

## Client Sample ID: FL 89

**Lab Sample ID: 880-34568-89**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:32 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:32 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:32 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:32 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:32 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *62* | *S1-* | *70 - 130* | *10/23/23 14:42* | *10/24/23 13:32* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 13:32* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/24/23 13:32 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/23/23 18:01 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 18:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 18:01 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 18:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 18:01* | *1* |
| *o-Terphenyl (Surr)* | *100* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 18:01* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **108** | | 4.98 | | mg/Kg | | | 10/20/23 22:53 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 90

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-90**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:53 | 1 |
| Toluene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:53 | 1 |
| Ethylbenzene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:53 | 1 |
| m,p-Xylenes | <0.00403 | U | 0.00403 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:53 | 1 |
| o-Xylene | <0.00202 | U | 0.00202 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:53 | 1 |
| Xylenes, Total | <0.00403 | U | 0.00403 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 13:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *78* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 13:53* | *1* |
| *1,4-Difluorobenzene (Surr)* | *81* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 13:53* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00403 | U | 0.00403 | | mg/Kg | | | 10/24/23 13:53 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/23/23 18:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 18:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 18:22 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 18:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *110* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 18:22* | *1* |
| *o-Terphenyl (Surr)* | *116* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 18:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **99.6** | | 5.01 | | mg/Kg | | | 10/20/23 23:00 | 1 |

## Client Sample ID: FL 91

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-91**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 17:40 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 17:40 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 17:40 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 17:40 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 17:40 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 17:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *81* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 17:40* | *1* |
| *1,4-Difluorobenzene (Surr)* | *78* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 17:40* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 91

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-91**
**Matrix: Solid**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 17:40 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/23/23 18:44 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 18:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 18:44 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 18:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *103* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 18:44* | *1* |
| *o-Terphenyl (Surr)* | *106* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 18:44* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **98.4** | | 4.97 | | mg/Kg | | | 10/20/23 23:07 | 1 |

## Client Sample ID: FL 92

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-92**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 18:00 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 18:00 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 18:00 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 18:00 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 18:00 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 18:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *84* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 18:00* | *1* |
| *1,4-Difluorobenzene (Surr)* | *67* | *S1-* | *70 - 130* | *10/23/23 14:42* | *10/24/23 18:00* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/24/23 18:00 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/23/23 19:05 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 19:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 19:05 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 92

**Lab Sample ID: 880-34568-92**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 19:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *93* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 19:05* | *1* |
| *o-Terphenyl (Surr)* | *95* | | *70 - 130* | *10/18/23 12:39* | *10/23/23 19:05* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **33.2** | | 5.04 | | mg/Kg | | | 10/20/23 23:13 | 1 |

## Client Sample ID: FL 93

**Lab Sample ID: 880-34568-93**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 18:21 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 18:21 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 18:21 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 18:21 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 18:21 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 18:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 18:21* | *1* |
| *1,4-Difluorobenzene (Surr)* | *78* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 18:21* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 18:21 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/21/23 10:57 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 10:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 10:57 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 10:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 10:57* | *1* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 10:57* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **40.5** | | 5.01 | | mg/Kg | | | 10/23/23 12:30 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 94

**Lab Sample ID: 880-34568-94**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U F1 F2 | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:39 | 1 |
| Toluene | <0.00199 | U F1 F2 | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:39 | 1 |
| Ethylbenzene | <0.00199 | U F1 F2 | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:39 | 1 |
| m,p-Xylenes | <0.00398 | U F1 F2 | 0.00398 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:39 | 1 |
| o-Xylene | <0.00199 | U F1 F2 | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:39 | 1 |
| Xylenes, Total | <0.00398 | U F1 F2 | 0.00398 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *75* | | *70 - 130* | *10/19/23 17:55* | *10/23/23 22:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *94* | | *70 - 130* | *10/19/23 17:55* | *10/23/23 22:39* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/23/23 22:39 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/21/23 12:02 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 12:02 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 12:02 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 12:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *129* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 12:02* | *1* |
| *o-Terphenyl (Surr)* | *135* | *S1+* | *70 - 130* | *10/18/23 12:42* | *10/21/23 12:02* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **27.3** | | 5.02 | | mg/Kg | | | 10/23/23 12:47 | 1 |

## Client Sample ID: FL 95

**Lab Sample ID: 880-34568-95**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:59 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:59 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:59 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:59 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:59 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *78* | | *70 - 130* | *10/19/23 17:55* | *10/23/23 22:59* | *1* |
| *1,4-Difluorobenzene (Surr)* | *78* | | *70 - 130* | *10/19/23 17:55* | *10/23/23 22:59* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 95

**Lab Sample ID: 880-34568-95**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/23/23 22:59 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/21/23 12:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 12:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 12:22 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 12:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 12:22* | *1* |
| *o-Terphenyl (Surr)* | *135* | *S1+* | *70 - 130* | *10/18/23 12:42* | *10/21/23 12:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **29.2** | | 5.02 | | mg/Kg | | | 10/23/23 12:53 | 1 |

## Client Sample ID: FL 96

**Lab Sample ID: 880-34568-96**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 23:20 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 23:20 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 23:20 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 23:20 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 23:20 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 23:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *70 - 130* | *10/19/23 17:55* | *10/23/23 23:20* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *10/19/23 17:55* | *10/23/23 23:20* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/23/23 23:20 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/21/23 12:44 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 12:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 12:44 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 96

**Lab Sample ID: 880-34568-96**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 12:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *122* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 12:44* | *1* |
| *o-Terphenyl (Surr)* | *131* | *S1+* | *70 - 130* | *10/18/23 12:42* | *10/21/23 12:44* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **32.0** | | 4.98 | | mg/Kg | | | 10/23/23 12:58 | 1 |

## Client Sample ID: FL 97

**Lab Sample ID: 880-34568-97**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 23:40 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 23:40 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 23:40 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 23:40 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 23:40 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:55 | 10/23/23 23:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *78* | | *70 - 130* | *10/19/23 17:55* | *10/23/23 23:40* | *1* |
| *1,4-Difluorobenzene (Surr)* | *75* | | *70 - 130* | *10/19/23 17:55* | *10/23/23 23:40* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/23/23 23:40 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/21/23 13:05 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 13:05 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 13:05 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 13:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *123* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 13:05* | *1* |
| *o-Terphenyl (Surr)* | *128* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 13:05* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **27.2** | | 5.03 | | mg/Kg | | | 10/23/23 13:04 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 98

**Lab Sample ID: 880-34568-98**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:01 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:01 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:01 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:01 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:01 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 00:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *70* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 00:01* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/24/23 00:01 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/21/23 13:26 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 13:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 13:26 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 13:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 13:26* | *1* |
| *o-Terphenyl (Surr)* | *121* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 13:26* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **37.6** | | 5.02 | | mg/Kg | | | 10/23/23 13:21 | 1 |

## Client Sample ID: FL 99

**Lab Sample ID: 880-34568-99**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:21 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:21 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:21 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:21 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:21 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *81* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 00:21* | *1* |
| *1,4-Difluorobenzene (Surr)* | *88* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 00:21* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 99

**Lab Sample ID: 880-34568-99**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 00:21 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.5 | U | 49.5 | | mg/Kg | | | 10/21/23 13:47 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 13:47 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 13:47 | 1 |
| OII Range Organics (Over C28-C36) | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 13:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 13:47* | *1* |
| *o-Terphenyl (Surr)* | *114* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 13:47* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **9.40** | | 4.98 | | mg/Kg | | | 10/23/23 13:26 | 1 |

## Client Sample ID: FL 100

**Lab Sample ID: 880-34568-100**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:41 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:41 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:41 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:41 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:41 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 00:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 00:41* | *1* |
| *1,4-Difluorobenzene (Surr)* | *67* | *S1-* | *70 - 130* | *10/19/23 17:55* | *10/24/23 00:41* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/24/23 00:41 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.5 | U | 49.5 | | mg/Kg | | | 10/21/23 14:08 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 14:08 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 14:08 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 100

**Lab Sample ID: 880-34568-100**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.5 | U | 49.5 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 14:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *127* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 14:08* | *1* |
| *o-Terphenyl (Surr)* | *138* | *S1+* | *70 - 130* | *10/18/23 12:42* | *10/21/23 14:08* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **107** | | 5.03 | | mg/Kg | | | 10/23/23 13:32 | 1 |

## Client Sample ID: FL 101

**Lab Sample ID: 880-34568-101**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:02 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:02 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:02 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:02 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:02 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 01:02* | *1* |
| *1,4-Difluorobenzene (Surr)* | *77* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 01:02* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/24/23 01:02 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/21/23 14:29 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 14:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 14:29 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 14:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *138* | *S1+* | *70 - 130* | *10/18/23 12:42* | *10/21/23 14:29* | *1* |
| *o-Terphenyl (Surr)* | *150* | *S1+* | *70 - 130* | *10/18/23 12:42* | *10/21/23 14:29* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **43.9** | | 4.95 | | mg/Kg | | | 10/23/23 13:38 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 102

**Lab Sample ID: 880-34568-102**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:22 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:22 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:22 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:22 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:22 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *77* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 01:22* | *1* |
| *1,4-Difluorobenzene (Surr)* | *67* | *S1-* | *70 - 130* | *10/19/23 17:55* | *10/24/23 01:22* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/24/23 01:22 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/21/23 14:50 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 14:50 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 14:50 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 14:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *125* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 14:50* | *1* |
| *o-Terphenyl (Surr)* | *132* | *S1+* | *70 - 130* | *10/18/23 12:42* | *10/21/23 14:50* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **103** | | 5.03 | | mg/Kg | | | 10/23/23 13:43 | 1 |

## Client Sample ID: FL 103

**Lab Sample ID: 880-34568-103**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:43 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:43 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:43 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:43 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:43 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 01:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *83* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 01:43* | *1* |
| *1,4-Difluorobenzene (Surr)* | *72* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 01:43* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 103

**Lab Sample ID: 880-34568-103**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 01:43 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/21/23 15:33 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 15:33 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 15:33 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 15:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *118* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 15:33* | *1* |
| *o-Terphenyl (Surr)* | *122* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 15:33* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **27.1** | | 5.01 | | mg/Kg | | | 10/23/23 13:49 | 1 |

## Client Sample ID: FL 109

**Lab Sample ID: 880-34568-109**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:05 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:05 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:05 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:05 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:05 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *61* | *S1-* | *70 - 130* | *10/19/23 17:55* | *10/24/23 03:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *83* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 03:05* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/24/23 03:05 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/21/23 15:54 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 15:54 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 15:54 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 109

**Lab Sample ID: 880-34568-109**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 15:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *127* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 15:54* | *1* |
| *o-Terphenyl (Surr)* | *135* | *S1+* | *70 - 130* | *10/18/23 12:42* | *10/21/23 15:54* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **126** | | 5.00 | | mg/Kg | | | 10/23/23 14:06 | 1 |

## Client Sample ID: FL 110

**Lab Sample ID: 880-34568-110**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:25 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:25 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:25 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:25 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:25 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *78* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 03:25* | *1* |
| *1,4-Difluorobenzene (Surr)* | *67* | *S1-* | *70 - 130* | *10/19/23 17:55* | *10/24/23 03:25* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 03:25 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/21/23 16:15 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 16:15 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 16:15 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 16:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 16:15* | *1* |
| *o-Terphenyl (Surr)* | *119* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 16:15* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **69.6** | | 4.96 | | mg/Kg | | | 10/23/23 14:11 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 111

**Lab Sample ID: 880-34568-111**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:46 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:46 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:46 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:46 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:46 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 03:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *79* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 03:46* | *1* |
| *1,4-Difluorobenzene (Surr)* | *75* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 03:46* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/24/23 03:46 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/21/23 16:36 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 16:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 16:36 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 16:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *130* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 16:36* | *1* |
| *o-Terphenyl (Surr)* | *140* | *S1+* | *70 - 130* | *10/18/23 12:42* | *10/21/23 16:36* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **71.7** | | 5.02 | | mg/Kg | | | 10/23/23 14:28 | 1 |

## Client Sample ID: FL 112

**Lab Sample ID: 880-34568-112**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:06 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:06 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:06 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:06 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:06 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *81* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 04:06* | *1* |
| *1,4-Difluorobenzene (Surr)* | *59* | *S1-* | *70 - 130* | *10/19/23 17:55* | *10/24/23 04:06* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 112

**Lab Sample ID: 880-34568-112**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/24/23 04:06 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/21/23 16:57 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 16:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 16:57 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 16:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *138* | *S1+* | *70 - 130* | *10/18/23 12:42* | *10/21/23 16:57* | *1* |
| *o-Terphenyl (Surr)* | *149* | *S1+* | *70 - 130* | *10/18/23 12:42* | *10/21/23 16:57* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **65.3** | | 5.01 | | mg/Kg | | | 10/23/23 14:34 | 1 |

## Client Sample ID: FL 113

**Lab Sample ID: 880-34568-113**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:26 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:26 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:26 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:26 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:26 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *111* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 04:26* | *1* |
| *1,4-Difluorobenzene (Surr)* | *78* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 04:26* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/24/23 04:26 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/21/23 17:19 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 17:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 17:19 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 113

**Lab Sample ID: 880-34568-113**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 17:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *111* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 17:19* | *1* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 17:19* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **65.3** | **F1** | 4.98 | | mg/Kg | | | 10/23/23 15:54 | 1 |

## Client Sample ID: FL 114

**Lab Sample ID: 880-34568-114**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:47 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:47 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:47 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:47 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:47 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 04:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *79* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 04:47* | *1* |
| *1,4-Difluorobenzene (Surr)* | *71* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 04:47* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 04:47 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | | mg/Kg | | | 10/21/23 17:40 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 17:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 17:40 | 1 |
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 17:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 17:40* | *1* |
| *o-Terphenyl (Surr)* | *119* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 17:40* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **72.3** | | 5.03 | | mg/Kg | | | 10/23/23 16:11 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 115

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-115**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:07 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:07 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:07 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:07 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:07 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 05:07* | *1* |
| *1,4-Difluorobenzene (Surr)* | *62* | *S1-* | *70 - 130* | *10/19/23 17:55* | *10/24/23 05:07* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/24/23 05:07 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/21/23 18:01 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 18:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 18:01 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 18:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *122* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 18:01* | *1* |
| *o-Terphenyl (Surr)* | *130* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 18:01* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **105** | | 5.01 | | mg/Kg | | | 10/23/23 16:17 | 1 |

## Client Sample ID: FL 116

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-116**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:28 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:28 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:28 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:28 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:28 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *79* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 05:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *72* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 05:28* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 116

**Lab Sample ID: 880-34568-116**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/24/23 05:28 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/21/23 18:23 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 18:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 18:23 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 18:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *95* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 18:23* | *1* |
| *o-Terphenyl (Surr)* | *101* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 18:23* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **91.6** | | 5.04 | | mg/Kg | | | 10/23/23 16:22 | 1 |

## Client Sample ID: FL 117

**Lab Sample ID: 880-34568-117**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:48 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:48 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:48 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:48 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:48 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 05:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *76* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 05:48* | *1* |
| *1,4-Difluorobenzene (Surr)* | *72* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 05:48* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/24/23 05:48 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/21/23 18:45 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 18:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 18:45 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 117

**Lab Sample ID: 880-34568-117**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 18:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *88* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 18:45* | *1* |
| *o-Terphenyl (Surr)* | *92* | | *70 - 130* | *10/18/23 12:42* | *10/21/23 18:45* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **74.8** | | 4.96 | | mg/Kg | | | 10/23/23 16:28 | 1 |

## Client Sample ID: FL 118

**Lab Sample ID: 880-34568-118**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 06:09 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 06:09 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 06:09 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 06:09 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 06:09 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:55 | 10/24/23 06:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *74* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 06:09* | *1* |
| *1,4-Difluorobenzene (Surr)* | *75* | | *70 - 130* | *10/19/23 17:55* | *10/24/23 06:09* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/24/23 06:09 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/20/23 00:40 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 00:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 00:40 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 00:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *89* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 00:40* | *1* |
| *o-Terphenyl (Surr)* | *89* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 00:40* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **190** | | 4.99 | | mg/Kg | | | 10/23/23 16:45 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 119

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-119**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:03 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:03 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:03 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:03 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:03 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *83* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 12:03* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 12:03* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 12:03 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/20/23 01:24 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 01:24 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 01:24 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 01:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *82* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 01:24* | *1* |
| *o-Terphenyl (Surr)* | *83* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 01:24* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **197** | | 4.95 | | mg/Kg | | | 10/23/23 16:51 | 1 |

## Client Sample ID: FL 120

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-120**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:23 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:23 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:23 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:23 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:23 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 12:23* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 12:23* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 120

**Lab Sample ID: 880-34568-120**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 12:23 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/20/23 01:46 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 01:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 01:46 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 01:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *87* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 01:46* | *1* |
| *o-Terphenyl (Surr)* | *88* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 01:46* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **186** | | 5.00 | | mg/Kg | | | 10/23/23 16:56 | 1 |

## Client Sample ID: FL 121

**Lab Sample ID: 880-34568-121**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:44 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:44 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:44 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:44 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:44 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 12:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 12:44* | *1* |
| *1,4-Difluorobenzene (Surr)* | *117* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 12:44* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/24/23 12:44 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **51.4** | | 50.4 | | mg/Kg | | | 10/20/23 02:08 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 02:08 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **51.4** | | 50.4 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 02:08 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 121

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-121**
**Matrix: Solid**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 02:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 02:08* | *1* |
| *o-Terphenyl (Surr)* | *105* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 02:08* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **237** | | 5.02 | | mg/Kg | | | 10/23/23 17:02 | 1 |

## Client Sample ID: FL 122

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-122**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:04 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:04 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:04 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:04 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:04 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 13:04* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 13:04* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/24/23 13:04 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/20/23 02:31 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 02:31 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 02:31 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 02:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *111* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 02:31* | *1* |
| *o-Terphenyl (Surr)* | *113* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 02:31* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **119** | | 4.97 | | mg/Kg | | | 10/23/23 17:07 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 123

**Lab Sample ID: 880-34568-123**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:25 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:25 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:25 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:25 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:25 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 13:25* | *1* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 13:25* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/24/23 13:25 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/20/23 02:53 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 02:53 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 02:53 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 02:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 02:53* | *1* |
| *o-Terphenyl (Surr)* | *114* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 02:53* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **93.9** | | 5.03 | | mg/Kg | | | 10/23/23 17:13 | 1 |

## Client Sample ID: FL 124

**Lab Sample ID: 880-34568-124**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:45 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:45 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:45 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:45 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:45 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 13:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 13:45* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 13:45* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 124

**Lab Sample ID: 880-34568-124**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/24/23 13:45 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/20/23 03:14 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 03:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 03:14 | 1 |
| Oil Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 03:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 03:14* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 03:14* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **63.8** | | 5.04 | | mg/Kg | | | 10/23/23 17:30 | 1 |

## Client Sample ID: FL 125

**Lab Sample ID: 880-34568-125**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:05 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:05 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:05 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:05 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:05 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 14:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 14:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *117* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 14:05* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/24/23 14:05 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/20/23 03:36 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 03:36 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 03:36 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

**Client Sample ID: FL 125**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-125**
**Matrix: Solid**

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/19/23 14:03 | 10/20/23 03:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *111* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 03:36* | *1* |
| *o-Terphenyl (Surr)* | *114* | | *70 - 130* | *10/19/23 14:03* | *10/20/23 03:36* | *1* |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **130** | | 5.04 | | mg/Kg | | | 10/23/23 17:36 | 1 |

# Surrogate Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | BFB1 | DFBZ1 | | | | | | | | | | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | | | | | | | | | | |
| 880-34568-1 | FL 1 | 82 | 96 | | | | | | | | | | |
| 880-34568-1 MS | FL 1 | 103 | 101 | | | | | | | | | | |
| 880-34568-1 MSD | FL 1 | 112 | 100 | | | | | | | | | | |
| 880-34568-2 | FL 2 | 87 | 103 | | | | | | | | | | |
| 880-34568-3 | FL 3 | 102 | 104 | | | | | | | | | | |
| 880-34568-4 | FL 4 | 93 | 111 | | | | | | | | | | |
| 880-34568-5 | FL 5 | 83 | 103 | | | | | | | | | | |
| 880-34568-6 | FL 6 | 98 | 108 | | | | | | | | | | |
| 880-34568-7 | FL 7 | 99 | 104 | | | | | | | | | | |
| 880-34568-8 | FL 8 | 90 | 113 | | | | | | | | | | |
| 880-34568-9 | FL 9 | 99 | 112 | | | | | | | | | | |
| 880-34568-10 | FL 10 | 91 | 107 | | | | | | | | | | |
| 880-34568-11 | FL 11 | 86 | 103 | | | | | | | | | | |
| 880-34568-12 | FL 12 | 90 | 110 | | | | | | | | | | |
| 880-34568-16 | FL 16 | 97 | 110 | | | | | | | | | | |
| 880-34568-17 | FL 17 | 87 | 101 | | | | | | | | | | |
| 880-34568-18 | FL 18 | 94 | 112 | | | | | | | | | | |
| 880-34568-19 | FL 19 | 97 | 109 | | | | | | | | | | |
| 880-34568-20 | FL 20 | 89 | 116 | | | | | | | | | | |
| 880-34568-21 | FL 21 | 91 | 103 | | | | | | | | | | |
| 880-34568-22 | FL 22 | 104 | 112 | | | | | | | | | | |
| 880-34568-23 | FL 23 | 100 | 111 | | | | | | | | | | |
| 880-34568-24 | FL 24 | 76 | 108 | | | | | | | | | | |
| 880-34568-24 MS | FL 24 | 95 | 102 | | | | | | | | | | |
| 880-34568-24 MSD | FL 24 | 101 | 115 | | | | | | | | | | |
| 880-34568-25 | FL 25 | 97 | 117 | | | | | | | | | | |
| 880-34568-27 | FL 27 | 88 | 116 | | | | | | | | | | |
| 880-34568-29 | FL 29 | 92 | 106 | | | | | | | | | | |
| 880-34568-31 | FL 31 | 91 | 112 | | | | | | | | | | |
| 880-34568-35 | FL 35 | 92 | 115 | | | | | | | | | | |
| 880-34568-36 | FL 36 | 97 | 112 | | | | | | | | | | |
| 880-34568-37 | FL 37 | 98 | 111 | | | | | | | | | | |
| 880-34568-38 | FL 38 | 97 | 117 | | | | | | | | | | |
| 880-34568-39 | FL 39 | 95 | 108 | | | | | | | | | | |
| 880-34568-40 | FL 40 | 77 | 99 | | | | | | | | | | |
| 880-34568-41 | FL 41 | 92 | 108 | | | | | | | | | | |
| 880-34568-42 | FL 42 | 94 | 127 | | | | | | | | | | |
| 880-34568-43 | FL 43 | 94 | 109 | | | | | | | | | | |
| 880-34568-44 | FL 44 | 95 | 107 | | | | | | | | | | |
| 880-34568-45 | FL 45 | 96 | 111 | | | | | | | | | | |
| 880-34568-46 | FL 46 | 104 | 105 | | | | | | | | | | |
| 880-34568-47 | FL 47 | 108 | 106 | | | | | | | | | | |
| 880-34568-48 | FL 48 | 112 | 110 | | | | | | | | | | |
| 880-34568-49 | FL 49 | 101 | 118 | | | | | | | | | | |
| 880-34568-50 | FL 50 | 207 S1+ | 82 | | | | | | | | | | |
| 880-34568-50 MS | FL 50 | 268 S1+ | 114 | | | | | | | | | | |
| 880-34568-50 MSD | FL 50 | 191 S1+ | 70 | | | | | | | | | | |
| 880-34568-51 | FL 51 | 134 S1+ | 90 | | | | | | | | | | |
| 880-34568-55 | FL 55 | 152 S1+ | 111 | | | | | | | | | | |

# Surrogate Summary

Client: Hungry Horse LLC Job ID: 880-34568-1
Project/Site: J3 Pit

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| Lab Sample ID | Client Sample ID | BFB1 (70-130) | DFBZ1 (70-130) |
| 880-34568-56 | FL 56 | 271 S1+ | 108 |
| 880-34568-57 | FL 57 | 209 S1+ | 78 |
| 880-34568-58 | FL 58 | 129 | 86 |
| 880-34568-59 | FL 59 | 199 S1+ | 84 |
| 880-34568-60 | FL 60 | 227 S1+ | 86 |
| 880-34568-61 | FL 61 | 205 S1+ | 87 |
| 880-34568-62 | FL 62 | 154 S1+ | 95 |
| 880-34568-63 | FL 63 | 199 S1+ | 119 |
| 880-34568-64 | FL 64 | 223 S1+ | 71 |
| 880-34568-65 | FL 65 | 192 S1+ | 93 |
| 880-34568-66 | FL 66 | 188 S1+ | 87 |
| 880-34568-67 | FL 67 | 182 S1+ | 75 |
| 880-34568-68 | FL 68 | 169 S1+ | 101 |
| 880-34568-70 | FL 70 | 211 S1+ | 85 |
| 880-34568-71 | FL 71 | 244 S1+ | 100 |
| 880-34568-72 | FL 72 | 197 S1+ | 87 |
| 880-34568-73 | FL 73 | 247 S1+ | 96 |
| 880-34568-74 | FL 74 | 162 S1+ | 85 |
| 880-34568-74 MS | FL 74 | 176 S1+ | 84 |
| 880-34568-74 MSD | FL 74 | 176 S1+ | 96 |
| 880-34568-75 | FL 75 | 204 S1+ | 91 |
| 880-34568-76 | FL 76 | 161 S1+ | 83 |
| 880-34568-77 | FL 77 | 128 | 72 |
| 880-34568-78 | FL 78 | 111 | 79 |
| 880-34568-79 | FL 79 | 162 S1+ | 73 |
| 880-34568-80 | FL 80 | 192 S1+ | 92 |
| 880-34568-81 | FL 81 | 234 S1+ | 98 |
| 880-34568-82 | FL 82 | 230 S1+ | 85 |
| 880-34568-83 | FL 83 | 186 S1+ | 75 |
| 880-34568-84 | FL 84 | 74 | 72 |
| 880-34568-85 | FL 85 | 59 S1- | 81 |
| 880-34568-86 | FL 86 | 74 | 88 |
| 880-34568-87 | FL 87 | 80 | 77 |
| 880-34568-88 | FL 88 | 83 | 94 |
| 880-34568-89 | FL 89 | 62 S1- | 106 |
| 880-34568-90 | FL 90 | 78 | 81 |
| 880-34568-91 | FL 91 | 81 | 78 |
| 880-34568-92 | FL 92 | 84 | 67 S1- |
| 880-34568-93 | FL 93 | 88 | 78 |
| 880-34568-94 | FL 94 | 75 | 94 |
| 880-34568-94 MS | FL 94 | 68 S1- | 92 |
| 880-34568-94 MSD | FL 94 | 90 | 101 |
| 880-34568-95 | FL 95 | 78 | 78 |
| 880-34568-96 | FL 96 | 82 | 88 |
| 880-34568-97 | FL 97 | 78 | 75 |
| 880-34568-98 | FL 98 | 92 | 70 |
| 880-34568-99 | FL 99 | 81 | 88 |
| 880-34568-100 | FL 100 | 88 | 67 S1- |
| 880-34568-101 | FL 101 | 80 | 77 |
| 880-34568-102 | FL 102 | 77 | 67 S1- |

# Surrogate Summary

Client: Hungry Horse LLC Job ID: 880-34568-1
Project/Site: J3 Pit

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| Lab Sample ID | Client Sample ID | BFB1 (70-130) | DFBZ1 (70-130) |
| 880-34568-103 | FL 103 | 83 | 72 |
| 880-34568-109 | FL 109 | 61 S1- | 83 |
| 880-34568-110 | FL 110 | 78 | 67 S1- |
| 880-34568-111 | FL 111 | 79 | 75 |
| 880-34568-112 | FL 112 | 81 | 59 S1- |
| 880-34568-113 | FL 113 | 111 | 78 |
| 880-34568-114 | FL 114 | 79 | 71 |
| 880-34568-115 | FL 115 | 80 | 62 S1- |
| 880-34568-116 | FL 116 | 79 | 72 |
| 880-34568-117 | FL 117 | 76 | 72 |
| 880-34568-118 | FL 118 | 74 | 75 |
| 880-34568-119 | FL 119 | 83 | 99 |
| 880-34568-119 MS | FL 119 | 94 | 102 |
| 880-34568-119 MSD | FL 119 | 103 | 101 |
| 880-34568-120 | FL 120 | 101 | 110 |
| 880-34568-121 | FL 121 | 99 | 117 |
| 880-34568-122 | FL 122 | 102 | 110 |
| 880-34568-123 | FL 123 | 100 | 105 |
| 880-34568-124 | FL 124 | 98 | 110 |
| 880-34568-125 | FL 125 | 94 | 117 |
| LCS 880-65118/1-A | Lab Control Sample | 101 | 102 |
| LCS 880-65120/1-A | Lab Control Sample | 98 | 115 |
| LCS 880-65121/1-A | Lab Control Sample | 97 | 102 |
| LCS 880-65122/1-A | Lab Control Sample | 169 S1+ | 60 S1- |
| LCS 880-65123/1-A | Lab Control Sample | 142 S1+ | 77 |
| LCS 880-65124/1-A | Lab Control Sample | 123 | 119 |
| LCS 880-65370/1-A | Lab Control Sample | 123 | 112 |
| LCSD 880-65118/2-A | Lab Control Sample Dup | 99 | 96 |
| LCSD 880-65120/2-A | Lab Control Sample Dup | 111 | 101 |
| LCSD 880-65121/2-A | Lab Control Sample Dup | 96 | 102 |
| LCSD 880-65122/2-A | Lab Control Sample Dup | 172 S1+ | 69 S1- |
| LCSD 880-65123/2-A | Lab Control Sample Dup | 156 S1+ | 103 |
| LCSD 880-65124/2-A | Lab Control Sample Dup | 126 | 118 |
| LCSD 880-65370/2-A | Lab Control Sample Dup | 113 | 104 |
| MB 880-65118/5-A | Method Blank | 116 | 150 S1+ |
| MB 880-65120/5-A | Method Blank | 115 | 144 S1+ |
| MB 880-65121/5-A | Method Blank | 119 | 160 S1+ |
| MB 880-65122/5-A | Method Blank | 117 | 79 |
| MB 880-65123/5-A | Method Blank | 110 | 79 |
| MB 880-65124/5-A | Method Blank | 70 | 95 |
| MB 880-65275/5-A | Method Blank | 105 | 132 S1+ |
| MB 880-65335/5-A | Method Blank | 66 S1- | 101 |
| MB 880-65370/5-A | Method Blank | 72 | 97 |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

# Surrogate Summary

Client: Hungry Horse LLC Job ID: 880-34568-1
Project/Site: J3 Pit

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1CO1 | OTPH1 | | | | | | | | | | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | | | | | | | | | | |
| 880-34568-1 | FL 1 | 132 S1+ | 121 | | | | | | | | | | |
| 880-34568-1 MS | FL 1 | 123 | 101 | | | | | | | | | | |
| 880-34568-1 MSD | FL 1 | 142 S1+ | 112 | | | | | | | | | | |
| 880-34568-2 | FL 2 | 128 | 120 | | | | | | | | | | |
| 880-34568-3 | FL 3 | 138 S1+ | 130 | | | | | | | | | | |
| 880-34568-4 | FL 4 | 125 | 118 | | | | | | | | | | |
| 880-34568-5 | FL 5 | 129 | 117 | | | | | | | | | | |
| 880-34568-6 | FL 6 | 146 S1+ | 134 S1+ | | | | | | | | | | |
| 880-34568-7 | FL 7 | 146 S1+ | 133 S1+ | | | | | | | | | | |
| 880-34568-8 | FL 8 | 152 S1+ | 135 S1+ | | | | | | | | | | |
| 880-34568-9 | FL 9 | 153 S1+ | 140 S1+ | | | | | | | | | | |
| 880-34568-10 | FL 10 | 137 S1+ | 123 | | | | | | | | | | |
| 880-34568-11 | FL 11 | 140 S1+ | 130 | | | | | | | | | | |
| 880-34568-12 | FL 12 | 139 S1+ | 129 | | | | | | | | | | |
| 880-34568-16 | FL 16 | 146 S1+ | 136 S1+ | | | | | | | | | | |
| 880-34568-17 | FL 17 | 136 S1+ | 125 | | | | | | | | | | |
| 880-34568-18 | FL 18 | 145 S1+ | 133 S1+ | | | | | | | | | | |
| 880-34568-19 | FL 19 | 155 S1+ | 141 S1+ | | | | | | | | | | |
| 880-34568-20 | FL 20 | 147 S1+ | 133 S1+ | | | | | | | | | | |
| 880-34568-21 | FL 21 | 147 S1+ | 133 S1+ | | | | | | | | | | |
| 880-34568-22 | FL 22 | 138 S1+ | 125 | | | | | | | | | | |
| 880-34568-23 | FL 23 | 134 S1+ | 121 | | | | | | | | | | |
| 880-34568-24 | FL 24 | 149 S1+ | 139 S1+ | | | | | | | | | | |
| 880-34568-24 MS | FL 24 | 149 S1+ | 119 | | | | | | | | | | |
| 880-34568-24 MSD | FL 24 | 153 S1+ | 122 | | | | | | | | | | |
| 880-34568-25 | FL 25 | 146 S1+ | 133 S1+ | | | | | | | | | | |
| 880-34568-27 | FL 27 | 146 S1+ | 129 | | | | | | | | | | |
| 880-34568-29 | FL 29 | 147 S1+ | 132 S1+ | | | | | | | | | | |
| 880-34568-31 | FL 31 | 139 S1+ | 125 | | | | | | | | | | |
| 880-34568-35 | FL 35 | 150 S1+ | 134 S1+ | | | | | | | | | | |
| 880-34568-36 | FL 36 | 150 S1+ | 132 S1+ | | | | | | | | | | |
| 880-34568-37 | FL 37 | 178 S1+ | 162 S1+ | | | | | | | | | | |
| 880-34568-38 | FL 38 | 148 S1+ | 130 | | | | | | | | | | |
| 880-34568-39 | FL 39 | 155 S1+ | 134 S1+ | | | | | | | | | | |
| 880-34568-40 | FL 40 | 145 S1+ | 132 S1+ | | | | | | | | | | |
| 880-34568-41 | FL 41 | 130 | 115 | | | | | | | | | | |
| 880-34568-42 | FL 42 | 145 S1+ | 128 | | | | | | | | | | |
| 880-34568-43 | FL 43 | 145 S1+ | 130 | | | | | | | | | | |
| 880-34568-44 | FL 44 | 136 S1+ | 122 | | | | | | | | | | |
| 880-34568-45 | FL 45 | 156 S1+ | 139 S1+ | | | | | | | | | | |
| 880-34568-46 | FL 46 | 149 S1+ | 132 S1+ | | | | | | | | | | |
| 880-34568-47 | FL 47 | 147 S1+ | 128 | | | | | | | | | | |
| 880-34568-48 | FL 48 | 135 S1+ | 124 | | | | | | | | | | |
| 880-34568-49 | FL 49 | 125 | 109 | | | | | | | | | | |
| 880-34568-50 | FL 50 | 112 | 93 | | | | | | | | | | |
| 880-34568-50 MS | FL 50 | 119 | 92 | | | | | | | | | | |
| 880-34568-50 MSD | FL 50 | 127 | 97 | | | | | | | | | | |
| 880-34568-51 | FL 51 | 122 | 101 | | | | | | | | | | |
| 880-34568-55 | FL 55 | 113 | 93 | | | | | | | | | | |
| 880-34568-56 | FL 56 | 119 | 101 | | | | | | | | | | |

# Surrogate Summary

Client: Hungry Horse LLC Job ID: 880-34568-1
Project/Site: J3 Pit

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1CO1 | OTPH1 | | | | | | | | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | | | | | | | | |
| 880-34568-57 | FL 57 | 145 S1+ | 125 | | | | | | | | |
| 880-34568-58 | FL 58 | 116 | 95 | | | | | | | | |
| 880-34568-59 | FL 59 | 130 | 110 | | | | | | | | |
| 880-34568-60 | FL 60 | 116 | 92 | | | | | | | | |
| 880-34568-61 | FL 61 | 106 | 88 | | | | | | | | |
| 880-34568-62 | FL 62 | 122 | 97 | | | | | | | | |
| 880-34568-63 | FL 63 | 108 | 91 | | | | | | | | |
| 880-34568-64 | FL 64 | 110 | 90 | | | | | | | | |
| 880-34568-65 | FL 65 | 113 | 90 | | | | | | | | |
| 880-34568-66 | FL 66 | 124 | 96 | | | | | | | | |
| 880-34568-67 | FL 67 | 133 S1+ | 103 | | | | | | | | |
| 880-34568-68 | FL 68 | 119 | 93 | | | | | | | | |
| 880-34568-70 | FL 70 | 123 | 98 | | | | | | | | |
| 880-34568-71 | FL 71 | 116 | 92 | | | | | | | | |
| 880-34568-72 | FL 72 | 112 | 95 | | | | | | | | |
| 880-34568-73 | FL 73 | 77 | 81 | | | | | | | | |
| 880-34568-73 MS | FL 73 | 84 | 81 | | | | | | | | |
| 880-34568-73 MSD | FL 73 | 85 | 81 | | | | | | | | |
| 880-34568-74 | FL 74 | 80 | 76 | | | | | | | | |
| 880-34568-75 | FL 75 | 77 | 72 | | | | | | | | |
| 880-34568-76 | FL 76 | 79 | 83 | | | | | | | | |
| 880-34568-77 | FL 77 | 106 | 109 | | | | | | | | |
| 880-34568-78 | FL 78 | 85 | 90 | | | | | | | | |
| 880-34568-79 | FL 79 | 93 | 96 | | | | | | | | |
| 880-34568-80 | FL 80 | 91 | 94 | | | | | | | | |
| 880-34568-81 | FL 81 | 112 | 117 | | | | | | | | |
| 880-34568-82 | FL 82 | 104 | 108 | | | | | | | | |
| 880-34568-83 | FL 83 | 91 | 98 | | | | | | | | |
| 880-34568-84 | FL 84 | 100 | 103 | | | | | | | | |
| 880-34568-85 | FL 85 | 73 | 76 | | | | | | | | |
| 880-34568-86 | FL 86 | 109 | 117 | | | | | | | | |
| 880-34568-87 | FL 87 | 92 | 97 | | | | | | | | |
| 880-34568-88 | FL 88 | 83 | 88 | | | | | | | | |
| 880-34568-89 | FL 89 | 96 | 100 | | | | | | | | |
| 880-34568-90 | FL 90 | 110 | 116 | | | | | | | | |
| 880-34568-91 | FL 91 | 103 | 106 | | | | | | | | |
| 880-34568-92 | FL 92 | 93 | 95 | | | | | | | | |
| 880-34568-93 | FL 93 | 104 | 108 | | | | | | | | |
| 880-34568-93 MS | FL 93 | 91 | 87 | | | | | | | | |
| 880-34568-93 MSD | FL 93 | 99 | 96 | | | | | | | | |
| 880-34568-94 | FL 94 | 129 | 135 S1+ | | | | | | | | |
| 880-34568-95 | FL 95 | 126 | 135 S1+ | | | | | | | | |
| 880-34568-96 | FL 96 | 122 | 131 S1+ | | | | | | | | |
| 880-34568-97 | FL 97 | 123 | 128 | | | | | | | | |
| 880-34568-98 | FL 98 | 116 | 121 | | | | | | | | |
| 880-34568-99 | FL 99 | 106 | 114 | | | | | | | | |
| 880-34568-100 | FL 100 | 127 | 138 S1+ | | | | | | | | |
| 880-34568-101 | FL 101 | 138 S1+ | 150 S1+ | | | | | | | | |
| 880-34568-102 | FL 102 | 125 | 132 S1+ | | | | | | | | |
| 880-34568-103 | FL 103 | 118 | 122 | | | | | | | | |

# Surrogate Summary

Client: Hungry Horse LLC Job ID: 880-34568-1
Project/Site: J3 Pit

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1CO1 | OTPH1 | | | | | | | | | | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | | | | | | | | | | |
| 880-34568-109 | FL 109 | 127 | 135 S1+ | | | | | | | | | | |
| 880-34568-110 | FL 110 | 113 | 119 | | | | | | | | | | |
| 880-34568-111 | FL 111 | 130 | 140 S1+ | | | | | | | | | | |
| 880-34568-112 | FL 112 | 138 S1+ | 149 S1+ | | | | | | | | | | |
| 880-34568-113 | FL 113 | 111 | 120 | | | | | | | | | | |
| 880-34568-114 | FL 114 | 112 | 119 | | | | | | | | | | |
| 880-34568-115 | FL 115 | 122 | 130 | | | | | | | | | | |
| 880-34568-116 | FL 116 | 95 | 101 | | | | | | | | | | |
| 880-34568-117 | FL 117 | 88 | 92 | | | | | | | | | | |
| 880-34568-118 | FL 118 | 89 | 89 | | | | | | | | | | |
| 880-34568-119 | FL 119 | 82 | 83 | | | | | | | | | | |
| 880-34568-120 | FL 120 | 87 | 88 | | | | | | | | | | |
| 880-34568-121 | FL 121 | 106 | 105 | | | | | | | | | | |
| 880-34568-122 | FL 122 | 111 | 113 | | | | | | | | | | |
| 880-34568-123 | FL 123 | 112 | 114 | | | | | | | | | | |
| 880-34568-124 | FL 124 | 104 | 107 | | | | | | | | | | |
| 880-34568-125 | FL 125 | 111 | 114 | | | | | | | | | | |
| LCS 880-64975/2-A | Lab Control Sample | 134 S1+ | 137 S1+ | | | | | | | | | | |
| LCS 880-64979/2-A | Lab Control Sample | 122 | 124 | | | | | | | | | | |
| LCS 880-64982/2-A | Lab Control Sample | 113 | 121 | | | | | | | | | | |
| LCS 880-64983/2-A | Lab Control Sample | 80 | 85 | | | | | | | | | | |
| LCS 880-64984/2-A | Lab Control Sample | 90 | 98 | | | | | | | | | | |
| LCS 880-65061/2-A | Lab Control Sample | 83 | 82 | | | | | | | | | | |
| LCSD 880-64975/3-A | Lab Control Sample Dup | 83 | 83 | | | | | | | | | | |
| LCSD 880-64979/3-A | Lab Control Sample Dup | 119 | 120 | | | | | | | | | | |
| LCSD 880-64982/3-A | Lab Control Sample Dup | 110 | 107 | | | | | | | | | | |
| LCSD 880-64983/3-A | Lab Control Sample Dup | 96 | 102 | | | | | | | | | | |
| LCSD 880-64984/3-A | Lab Control Sample Dup | 94 | 104 | | | | | | | | | | |
| LCSD 880-65061/3-A | Lab Control Sample Dup | 82 | 83 | | | | | | | | | | |
| MB 880-64975/1-A | Method Blank | 203 S1+ | 188 S1+ | | | | | | | | | | |
| MB 880-64979/1-A | Method Blank | 207 S1+ | 191 S1+ | | | | | | | | | | |
| MB 880-64982/1-A | Method Blank | 190 S1+ | 172 S1+ | | | | | | | | | | |
| MB 880-64983/1-A | Method Blank | 174 S1+ | 190 S1+ | | | | | | | | | | |
| MB 880-64984/1-A | Method Blank | 145 S1+ | 166 S1+ | | | | | | | | | | |
| MB 880-65061/1-A | Method Blank | 136 S1+ | 146 S1+ | | | | | | | | | | |

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: MB 880-65118/5-A**
**Matrix: Solid**
**Analysis Batch: 65274**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65118**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 22:43 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 22:43 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 22:43 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 22:43 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 22:43 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:38 | 10/21/23 22:43 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *116* | | *70 - 130* | *10/19/23 17:38* | *10/21/23 22:43* | *1* |
| *1,4-Difluorobenzene (Surr)* | *150* | *S1+* | *70 - 130* | *10/19/23 17:38* | *10/21/23 22:43* | *1* |

**Lab Sample ID: LCS 880-65118/1-A**
**Matrix: Solid**
**Analysis Batch: 65274**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65118**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1003 | | mg/Kg | | 100 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.09343 | | mg/Kg | | 93 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.09323 | | mg/Kg | | 93 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2005 | | mg/Kg | | 100 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.09196 | | mg/Kg | | 92 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* |

**Lab Sample ID: LCSD 880-65118/2-A**
**Matrix: Solid**
**Analysis Batch: 65274**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65118**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09926 | | mg/Kg | | 99 | 70 - 130 | 1 | 35 |
| Toluene | | | 0.100 | 0.09000 | | mg/Kg | | 90 | 70 - 130 | 4 | 35 |
| Ethylbenzene | | | 0.100 | 0.08569 | | mg/Kg | | 86 | 70 - 130 | 8 | 35 |
| m,p-Xylenes | | | 0.200 | 0.1748 | | mg/Kg | | 87 | 70 - 130 | 14 | 35 |
| o-Xylene | | | 0.100 | 0.09084 | | mg/Kg | | 91 | 70 - 130 | 1 | 35 |

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

**Lab Sample ID: 880-34568-1 MS**
**Matrix: Solid**
**Analysis Batch: 65274**

**Client Sample ID: FL 1**
**Prep Type: Total/NA**
**Prep Batch: 65118**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.0998 | 0.09132 | | mg/Kg | | 92 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.0998 | 0.08522 | | mg/Kg | | 85 | 70 - 130 | | |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: 880-34568-1 MS**
**Matrix: Solid**
**Analysis Batch: 65274**

**Client Sample ID: FL 1**
**Prep Type: Total/NA**
**Prep Batch: 65118**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U | 0.0998 | 0.08271 | | mg/Kg | | 83 | 70 - 130 | | |
| m,p-Xylenes | <0.00401 | U | 0.200 | 0.1861 | | mg/Kg | | 93 | 70 - 130 | | |
| o-Xylene | <0.00200 | U | 0.0998 | 0.08314 | | mg/Kg | | 83 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* |

**Lab Sample ID: 880-34568-1 MSD**
**Matrix: Solid**
**Analysis Batch: 65274**

**Client Sample ID: FL 1**
**Prep Type: Total/NA**
**Prep Batch: 65118**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.0996 | 0.09377 | | mg/Kg | | 94 | 70 - 130 | 3 | 35 |
| Toluene | <0.00200 | U | 0.0996 | 0.08352 | | mg/Kg | | 84 | 70 - 130 | 2 | 35 |
| Ethylbenzene | <0.00200 | U | 0.0996 | 0.08786 | | mg/Kg | | 88 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | <0.00401 | U | 0.199 | 0.2002 | | mg/Kg | | 100 | 70 - 130 | 7 | 35 |
| o-Xylene | <0.00200 | U | 0.0996 | 0.09573 | | mg/Kg | | 96 | 70 - 130 | 14 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *112* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* |

**Lab Sample ID: MB 880-65120/5-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:44 | 10/24/23 11:34 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *115* | | *70 - 130* | *10/19/23 17:44* | *10/24/23 11:34* | *1* |
| *1,4-Difluorobenzene (Surr)* | *144* | *S1+* | *70 - 130* | *10/19/23 17:44* | *10/24/23 11:34* | *1* |

**Lab Sample ID: LCS 880-65120/1-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1142 | | mg/Kg | | 114 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.09553 | | mg/Kg | | 96 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.09538 | | mg/Kg | | 95 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2179 | | mg/Kg | | 109 | 70 - 130 | | |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: LCS 880-65120/1-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | | | 0.100 | 0.1048 | | mg/Kg | | 105 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *115* | | *70 - 130* |

**Lab Sample ID: LCSD 880-65120/2-A**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1077 | | mg/Kg | | 108 | 70 - 130 | 6 | 35 |
| Toluene | | | 0.100 | 0.09106 | | mg/Kg | | 91 | 70 - 130 | 5 | 35 |
| Ethylbenzene | | | 0.100 | 0.1016 | | mg/Kg | | 102 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2286 | | mg/Kg | | 114 | 70 - 130 | 5 | 35 |
| o-Xylene | | | 0.100 | 0.1088 | | mg/Kg | | 109 | 70 - 130 | 4 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *111* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* |

**Lab Sample ID: 880-34568-119 MS**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: FL 119**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.100 | 0.09286 | | mg/Kg | | 93 | 70 - 130 | | |
| Toluene | <0.00199 | U | 0.100 | 0.08769 | | mg/Kg | | 88 | 70 - 130 | | |
| Ethylbenzene | <0.00199 | U | 0.100 | 0.07933 | | mg/Kg | | 79 | 70 - 130 | | |
| m,p-Xylenes | <0.00398 | U | 0.200 | 0.1794 | | mg/Kg | | 90 | 70 - 130 | | |
| o-Xylene | <0.00199 | U | 0.100 | 0.08712 | | mg/Kg | | 86 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* |

**Lab Sample ID: 880-34568-119 MSD**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: FL 119**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.101 | 0.09231 | | mg/Kg | | 91 | 70 - 130 | 1 | 35 |
| Toluene | <0.00199 | U | 0.101 | 0.08254 | | mg/Kg | | 82 | 70 - 130 | 6 | 35 |
| Ethylbenzene | <0.00199 | U | 0.101 | 0.07988 | | mg/Kg | | 79 | 70 - 130 | 1 | 35 |
| m,p-Xylenes | <0.00398 | U | 0.202 | 0.1925 | | mg/Kg | | 95 | 70 - 130 | 7 | 35 |
| o-Xylene | <0.00199 | U | 0.101 | 0.09291 | | mg/Kg | | 91 | 70 - 130 | 6 | 35 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: 880-34568-119 MSD**
**Matrix: Solid**
**Analysis Batch: 65444**

**Client Sample ID: FL 119**
**Prep Type: Total/NA**
**Prep Batch: 65120**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 |

**Lab Sample ID: MB 880-65121/5-A**
**Matrix: Solid**
**Analysis Batch: 65322**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65121**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/23/23 23:47 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/23/23 23:47 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/23/23 23:47 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:49 | 10/23/23 23:47 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:49 | 10/23/23 23:47 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:49 | 10/23/23 23:47 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 119 | | 70 - 130 | 10/19/23 17:49 | 10/23/23 23:47 | 1 |
| 1,4-Difluorobenzene (Surr) | 160 | S1+ | 70 - 130 | 10/19/23 17:49 | 10/23/23 23:47 | 1 |

**Lab Sample ID: LCS 880-65121/1-A**
**Matrix: Solid**
**Analysis Batch: 65322**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65121**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09502 | | mg/Kg | | 95 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.08685 | | mg/Kg | | 87 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.08475 | | mg/Kg | | 85 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.1888 | | mg/Kg | | 94 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.09077 | | mg/Kg | | 91 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 97 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 |

**Lab Sample ID: LCSD 880-65121/2-A**
**Matrix: Solid**
**Analysis Batch: 65322**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65121**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09724 | | mg/Kg | | 97 | 70 - 130 | 2 | 35 |
| Toluene | | | 0.100 | 0.08578 | | mg/Kg | | 86 | 70 - 130 | 1 | 35 |
| Ethylbenzene | | | 0.100 | 0.08296 | | mg/Kg | | 83 | 70 - 130 | 2 | 35 |
| m,p-Xylenes | | | 0.200 | 0.1972 | | mg/Kg | | 99 | 70 - 130 | 4 | 35 |
| o-Xylene | | | 0.100 | 0.09565 | | mg/Kg | | 96 | 70 - 130 | 5 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: LCSD 880-65121/2-A**
**Matrix: Solid**
**Analysis Batch: 65322**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65121**

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 |

**Lab Sample ID: 880-34568-24 MS**
**Matrix: Solid**
**Analysis Batch: 65322**

**Client Sample ID: FL 24**
**Prep Type: Total/NA**
**Prep Batch: 65121**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.0996 | 0.08650 | | mg/Kg | | 87 | 70 - 130 |
| Toluene | <0.00200 | U | 0.0996 | 0.08070 | | mg/Kg | | 81 | 70 - 130 |
| Ethylbenzene | <0.00200 | U | 0.0996 | 0.07319 | | mg/Kg | | 73 | 70 - 130 |
| m,p-Xylenes | <0.00401 | U | 0.199 | 0.1702 | | mg/Kg | | 85 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.0996 | 0.08249 | | mg/Kg | | 83 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 95 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 102 | | 70 - 130 |

**Lab Sample ID: 880-34568-24 MSD**
**Matrix: Solid**
**Analysis Batch: 65322**

**Client Sample ID: FL 24**
**Prep Type: Total/NA**
**Prep Batch: 65121**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.0998 | 0.09405 | | mg/Kg | | 94 | 70 - 130 | 8 | 35 |
| Toluene | <0.00200 | U | 0.0998 | 0.07975 | | mg/Kg | | 80 | 70 - 130 | 1 | 35 |
| Ethylbenzene | <0.00200 | U | 0.0998 | 0.07505 | | mg/Kg | | 75 | 70 - 130 | 3 | 35 |
| m,p-Xylenes | <0.00401 | U | 0.200 | 0.1841 | | mg/Kg | | 92 | 70 - 130 | 8 | 35 |
| o-Xylene | <0.00200 | U | 0.0998 | 0.09033 | | mg/Kg | | 91 | 70 - 130 | 9 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 101 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 115 | | 70 - 130 |

**Lab Sample ID: MB 880-65122/5-A**
**Matrix: Solid**
**Analysis Batch: 65443**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65122**

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/19/23 17:51 | 10/24/23 11:50 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 10/19/23 17:51 | 10/24/23 11:50 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/19/23 17:51 | 10/24/23 11:50 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | mg/Kg | | 10/19/23 17:51 | 10/24/23 11:50 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 10/19/23 17:51 | 10/24/23 11:50 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | mg/Kg | | 10/19/23 17:51 | 10/24/23 11:50 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 117 | | 70 - 130 | 10/19/23 17:51 | 10/24/23 11:50 | 1 |
| 1,4-Difluorobenzene (Surr) | 79 | | 70 - 130 | 10/19/23 17:51 | 10/24/23 11:50 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: LCS 880-65122/1-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65443** — **Prep Batch: 65122**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09939 | | mg/Kg | | 99 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1142 | | mg/Kg | | 114 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1079 | | mg/Kg | | 108 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2102 | | mg/Kg | | 105 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1170 | | mg/Kg | | 117 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *169* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *60* | *S1-* | *70 - 130* |

**Lab Sample ID: LCSD 880-65122/2-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65443** — **Prep Batch: 65122**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1033 | | mg/Kg | | 103 | 70 - 130 | 4 | 35 |
| Toluene | | | 0.100 | 0.1173 | | mg/Kg | | 117 | 70 - 130 | 3 | 35 |
| Ethylbenzene | | | 0.100 | 0.1111 | | mg/Kg | | 111 | 70 - 130 | 3 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2257 | | mg/Kg | | 113 | 70 - 130 | 7 | 35 |
| o-Xylene | | | 0.100 | 0.1150 | | mg/Kg | | 115 | 70 - 130 | 2 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *172* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *69* | *S1-* | *70 - 130* |

**Lab Sample ID: 880-34568-50 MS** — **Client Sample ID: FL 50**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65443** — **Prep Batch: 65122**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.0998 | 0.1011 | | mg/Kg | | 101 | 70 - 130 | | |
| Toluene | <0.00198 | U | 0.0998 | 0.1215 | | mg/Kg | | 122 | 70 - 130 | | |
| Ethylbenzene | <0.00198 | U | 0.0998 | 0.09385 | | mg/Kg | | 94 | 70 - 130 | | |
| m,p-Xylenes | <0.00396 | U | 0.200 | 0.2395 | | mg/Kg | | 120 | 70 - 130 | | |
| o-Xylene | <0.00198 | U F1 | 0.0998 | 0.1357 | F1 | mg/Kg | | 136 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *268* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* |

**Lab Sample ID: 880-34568-50 MSD** — **Client Sample ID: FL 50**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65443** — **Prep Batch: 65122**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.100 | 0.07885 | | mg/Kg | | 79 | 70 - 130 | 25 | 35 |
| Toluene | <0.00198 | U | 0.100 | 0.09642 | | mg/Kg | | 96 | 70 - 130 | 23 | 35 |
| Ethylbenzene | <0.00198 | U | 0.100 | 0.09544 | | mg/Kg | | 95 | 70 - 130 | 2 | 35 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: 880-34568-50 MSD**
**Matrix: Solid**
**Analysis Batch: 65443**

**Client Sample ID: FL 50**
**Prep Type: Total/NA**
**Prep Batch: 65122**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | <0.00396 | U | 0.201 | 0.1860 | | mg/Kg | | 93 | 70 - 130 | 25 | 35 |
| o-Xylene | <0.00198 | U F1 | 0.100 | 0.09945 | | mg/Kg | | 99 | 70 - 130 | 31 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *191* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *70* | | *70 - 130* |

**Lab Sample ID: MB 880-65123/5-A**
**Matrix: Solid**
**Analysis Batch: 65300**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65123**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 12:23 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 12:23 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 12:23 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 12:23 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 12:23 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/19/23 17:53 | 10/23/23 12:23 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* | *10/19/23 17:53* | *10/23/23 12:23* | *1* |
| *1,4-Difluorobenzene (Surr)* | *79* | | *70 - 130* | *10/19/23 17:53* | *10/23/23 12:23* | *1* |

**Lab Sample ID: LCS 880-65123/1-A**
**Matrix: Solid**
**Analysis Batch: 65300**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65123**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1023 | | mg/Kg | | 102 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1030 | | mg/Kg | | 103 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1045 | | mg/Kg | | 104 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.1997 | | mg/Kg | | 100 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1058 | | mg/Kg | | 106 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *142* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *77* | | *70 - 130* |

**Lab Sample ID: LCSD 880-65123/2-A**
**Matrix: Solid**
**Analysis Batch: 65300**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65123**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09763 | | mg/Kg | | 98 | 70 - 130 | 5 | 35 |
| Toluene | | | 0.100 | 0.1122 | | mg/Kg | | 112 | 70 - 130 | 9 | 35 |
| Ethylbenzene | | | 0.100 | 0.1121 | | mg/Kg | | 112 | 70 - 130 | 7 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2130 | | mg/Kg | | 107 | 70 - 130 | 6 | 35 |
| o-Xylene | | | 0.100 | 0.1180 | | mg/Kg | | 118 | 70 - 130 | 11 | 35 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 156 | S1+ | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 103 | | 70 - 130 |

**Lab Sample ID: 880-34568-74 MS** — **Client Sample ID: FL 74**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65300** — **Prep Batch: 65123**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U F1 F2 | 0.0998 | 0.1232 | | mg/Kg | | 123 | 70 - 130 |
| Toluene | <0.00200 | U F2 | 0.0998 | 0.1257 | | mg/Kg | | 126 | 70 - 130 |
| Ethylbenzene | <0.00200 | U F2 | 0.0998 | 0.1202 | | mg/Kg | | 120 | 70 - 130 |
| m,p-Xylenes | <0.00401 | U F2 | 0.200 | 0.2480 | | mg/Kg | | 124 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.0998 | 0.1287 | | mg/Kg | | 129 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 176 | S1+ | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 84 | | 70 - 130 |

**Lab Sample ID: 880-34568-74 MSD** — **Client Sample ID: FL 74**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65300** — **Prep Batch: 65123**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U F1 F2 | 0.0990 | 0.06234 | F1 F2 | mg/Kg | | 63 | 70 - 130 | 66 | 35 |
| Toluene | <0.00200 | U F2 | 0.0990 | 0.07434 | F2 | mg/Kg | | 75 | 70 - 130 | 51 | 35 |
| Ethylbenzene | <0.00200 | U F2 | 0.0990 | 0.07431 | F2 | mg/Kg | | 75 | 70 - 130 | 47 | 35 |
| m,p-Xylenes | <0.00401 | U F2 | 0.198 | 0.1563 | F2 | mg/Kg | | 79 | 70 - 130 | 45 | 35 |
| o-Xylene | <0.00200 | U | 0.0990 | 0.09455 | | mg/Kg | | 95 | 70 - 130 | 31 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 176 | S1+ | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 96 | | 70 - 130 |

**Lab Sample ID: MB 880-65124/5-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65321** — **Prep Batch: 65124**

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:18 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:18 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:18 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:18 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:18 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | mg/Kg | | 10/19/23 17:55 | 10/23/23 22:18 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 70 | | 70 - 130 | 10/19/23 17:55 | 10/23/23 22:18 | 1 |
| 1,4-Difluorobenzene (Surr) | 95 | | 70 - 130 | 10/19/23 17:55 | 10/23/23 22:18 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: LCS 880-65124/1-A**
**Matrix: Solid**
**Analysis Batch: 65321**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65124**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.08532 | | mg/Kg | | 85 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.09278 | | mg/Kg | | 93 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1030 | | mg/Kg | | 103 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2197 | | mg/Kg | | 110 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1058 | | mg/Kg | | 106 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *123* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *119* | | *70 - 130* |

**Lab Sample ID: LCSD 880-65124/2-A**
**Matrix: Solid**
**Analysis Batch: 65321**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65124**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.08725 | | mg/Kg | | 87 | 70 - 130 | 2 | 35 |
| Toluene | | | 0.100 | 0.09527 | | mg/Kg | | 95 | 70 - 130 | 3 | 35 |
| Ethylbenzene | | | 0.100 | 0.1038 | | mg/Kg | | 104 | 70 - 130 | 1 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2213 | | mg/Kg | | 111 | 70 - 130 | 1 | 35 |
| o-Xylene | | | 0.100 | 0.1064 | | mg/Kg | | 106 | 70 - 130 | 1 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *126* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *118* | | *70 - 130* |

**Lab Sample ID: 880-34568-94 MS**
**Matrix: Solid**
**Analysis Batch: 65321**

**Client Sample ID: FL 94**
**Prep Type: Total/NA**
**Prep Batch: 65124**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U F1 F2 | 0.0998 | 0.04250 | F1 | mg/Kg | | 43 | 70 - 130 | | |
| Toluene | <0.00199 | U F1 F2 | 0.0998 | 0.04567 | F1 | mg/Kg | | 46 | 70 - 130 | | |
| Ethylbenzene | <0.00199 | U F1 F2 | 0.0998 | 0.03671 | F1 | mg/Kg | | 37 | 70 - 130 | | |
| m,p-Xylenes | <0.00398 | U F1 F2 | 0.200 | 0.06708 | F1 | mg/Kg | | 34 | 70 - 130 | | |
| o-Xylene | <0.00199 | U F1 F2 | 0.0998 | 0.03498 | F1 | mg/Kg | | 35 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *68* | *S1-* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *92* | | *70 - 130* |

**Lab Sample ID: 880-34568-94 MSD**
**Matrix: Solid**
**Analysis Batch: 65321**

**Client Sample ID: FL 94**
**Prep Type: Total/NA**
**Prep Batch: 65124**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U F1 F2 | 0.0996 | 0.07966 | F2 | mg/Kg | | 80 | 70 - 130 | 61 | 35 |
| Toluene | <0.00199 | U F1 F2 | 0.0996 | 0.08172 | F2 | mg/Kg | | 82 | 70 - 130 | 57 | 35 |
| Ethylbenzene | <0.00199 | U F1 F2 | 0.0996 | 0.07770 | F2 | mg/Kg | | 78 | 70 - 130 | 72 | 35 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: 880-34568-94 MSD**
**Matrix: Solid**
**Analysis Batch: 65321**

**Client Sample ID: FL 94**
**Prep Type: Total/NA**
**Prep Batch: 65124**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | <0.00398 | U F1 F2 | 0.199 | 0.1460 | F2 | mg/Kg | | 73 | 70 - 130 | 74 | 35 |
| o-Xylene | <0.00199 | U F1 F2 | 0.0996 | 0.07159 | F2 | mg/Kg | | 72 | 70 - 130 | 69 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* |

**Lab Sample ID: MB 880-65275/5-A**
**Matrix: Solid**
**Analysis Batch: 65322**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65275**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/21/23 15:12 | 10/23/23 12:11 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/21/23 15:12 | 10/23/23 12:11 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/21/23 15:12 | 10/23/23 12:11 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/21/23 15:12 | 10/23/23 12:11 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/21/23 15:12 | 10/23/23 12:11 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/21/23 15:12 | 10/23/23 12:11 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* | *10/21/23 15:12* | *10/23/23 12:11* | *1* |
| *1,4-Difluorobenzene (Surr)* | *132* | *S1+* | *70 - 130* | *10/21/23 15:12* | *10/23/23 12:11* | *1* |

**Lab Sample ID: MB 880-65335/5-A**
**Matrix: Solid**
**Analysis Batch: 65321**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65335**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 09:14 | 10/23/23 11:42 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 09:14 | 10/23/23 11:42 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 09:14 | 10/23/23 11:42 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/23/23 09:14 | 10/23/23 11:42 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 09:14 | 10/23/23 11:42 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/23/23 09:14 | 10/23/23 11:42 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *66* | *S1-* | *70 - 130* | *10/23/23 09:14* | *10/23/23 11:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *10/23/23 09:14* | *10/23/23 11:42* | *1* |

**Lab Sample ID: MB 880-65370/5-A**
**Matrix: Solid**
**Analysis Batch: 65442**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65370**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 11:07 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 11:07 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 11:07 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 11:07 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: MB 880-65370/5-A**
**Matrix: Solid**
**Analysis Batch: 65442**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65370**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 11:07 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/23/23 14:42 | 10/24/23 11:07 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *72* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 11:07* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *10/23/23 14:42* | *10/24/23 11:07* | *1* |

**Lab Sample ID: LCS 880-65370/1-A**
**Matrix: Solid**
**Analysis Batch: 65442**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65370**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.08870 | | mg/Kg | | 89 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.09900 | | mg/Kg | | 99 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1124 | | mg/Kg | | 112 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2385 | | mg/Kg | | 119 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1137 | | mg/Kg | | 114 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *123* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* |

**Lab Sample ID: LCSD 880-65370/2-A**
**Matrix: Solid**
**Analysis Batch: 65442**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65370**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09201 | | mg/Kg | | 92 | 70 - 130 | 4 | 35 |
| Toluene | | | 0.100 | 0.09626 | | mg/Kg | | 96 | 70 - 130 | 3 | 35 |
| Ethylbenzene | | | 0.100 | 0.09835 | | mg/Kg | | 98 | 70 - 130 | 13 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2147 | | mg/Kg | | 107 | 70 - 130 | 10 | 35 |
| o-Xylene | | | 0.100 | 0.1029 | | mg/Kg | | 103 | 70 - 130 | 10 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *113* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* |

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

**Lab Sample ID: MB 880-64975/1-A**
**Matrix: Solid**
**Analysis Batch: 65266**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64975**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:23 | 10/21/23 08:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:23 | 10/21/23 08:01 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:23 | 10/21/23 08:01 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 203 | S1+ | 70 - 130 | 10/18/23 12:23 | 10/21/23 08:01 | 1 |
| o-Terphenyl (Surr) | 188 | S1+ | 70 - 130 | 10/18/23 12:23 | 10/21/23 08:01 | 1 |

**Lab Sample ID: LCS 880-64975/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65266** — **Prep Batch: 64975**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1003 | | mg/Kg | | 100 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1038 | | mg/Kg | | 104 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 134 | S1+ | 70 - 130 |
| o-Terphenyl (Surr) | 137 | S1+ | 70 - 130 |

**Lab Sample ID: LCSD 880-64975/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65266** — **Prep Batch: 64975**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 977.3 | | mg/Kg | | 98 | 70 - 130 | 3 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 870.2 | | mg/Kg | | 87 | 70 - 130 | 18 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 83 | | 70 - 130 |
| o-Terphenyl (Surr) | 83 | | 70 - 130 |

**Lab Sample ID: 880-34568-1 MS** — **Client Sample ID: FL 1**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65266** — **Prep Batch: 64975**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U F1 | 1000 | 1247 | | mg/Kg | | 121 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.6 | U F1 | 1000 | 1170 | | mg/Kg | | 114 | 70 - 130 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 123 | | 70 - 130 |
| o-Terphenyl (Surr) | 101 | | 70 - 130 |

**Lab Sample ID: 880-34568-1 MSD** — **Client Sample ID: FL 1**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65266** — **Prep Batch: 64975**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U F1 | 1000 | 1434 | F1 | mg/Kg | | 140 | 70 - 130 | 14 | 20 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: 880-34568-1 MSD**
**Matrix: Solid**
**Analysis Batch: 65266**

**Client Sample ID: FL 1**
**Prep Type: Total/NA**
**Prep Batch: 64975**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (Over C10-C28) | <49.6 | U F1 | 1000 | 1341 | F1 | mg/Kg | | 131 | 70 - 130 | 14 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *142* | *S1+* | *70 - 130* |
| *o-Terphenyl (Surr)* | *112* | | *70 - 130* |

**Lab Sample ID: MB 880-64979/1-A**
**Matrix: Solid**
**Analysis Batch: 65266**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64979**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 19:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 19:29 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:29 | 10/21/23 19:29 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *207* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/21/23 19:29* | *1* |
| *o-Terphenyl (Surr)* | *191* | *S1+* | *70 - 130* | *10/18/23 12:29* | *10/21/23 19:29* | *1* |

**Lab Sample ID: LCS 880-64979/2-A**
**Matrix: Solid**
**Analysis Batch: 65266**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64979**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1039 | | mg/Kg | | 104 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1059 | | mg/Kg | | 106 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *122* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *124* | | *70 - 130* |

**Lab Sample ID: LCSD 880-64979/3-A**
**Matrix: Solid**
**Analysis Batch: 65266**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64979**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1049 | | mg/Kg | | 105 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1058 | | mg/Kg | | 106 | 70 - 130 | 0 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *119* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *120* | | *70 - 130* |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: 880-34568-24 MS**
**Matrix: Solid**
**Analysis Batch: 65266**

**Client Sample ID: FL 24**
**Prep Type: Total/NA**
**Prep Batch: 64979**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 1010 | 1010 | | mg/Kg | | 96 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U F1 | 1010 | 1407 | F1 | mg/Kg | | 138 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *149* | *S1+* | *70 - 130* |
| *o-Terphenyl (Surr)* | *119* | | *70 - 130* |

**Lab Sample ID: 880-34568-24 MSD**
**Matrix: Solid**
**Analysis Batch: 65266**

**Client Sample ID: FL 24**
**Prep Type: Total/NA**
**Prep Batch: 64979**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 1010 | 1036 | | mg/Kg | | 99 | 70 - 130 | 3 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U F1 | 1010 | 1446 | F1 | mg/Kg | | 141 | 70 - 130 | 3 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *153* | *S1+* | *70 - 130* |
| *o-Terphenyl (Surr)* | *122* | | *70 - 130* |

**Lab Sample ID: MB 880-64982/1-A**
**Matrix: Solid**
**Analysis Batch: 65296**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64982**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 08:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 08:29 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:34 | 10/23/23 08:29 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *190* | *S1+* | *70 - 130* | *10/18/23 12:34* | *10/23/23 08:29* | *1* |
| *o-Terphenyl (Surr)* | *172* | *S1+* | *70 - 130* | *10/18/23 12:34* | *10/23/23 08:29* | *1* |

**Lab Sample ID: LCS 880-64982/2-A**
**Matrix: Solid**
**Analysis Batch: 65296**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64982**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 917.9 | | mg/Kg | | 92 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 887.2 | | mg/Kg | | 89 | 70 - 130 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: LCS 880-64982/2-A**
**Matrix: Solid**
**Analysis Batch: 65296**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64982**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 113 | | 70 - 130 |
| o-Terphenyl (Surr) | 121 | | 70 - 130 |

**Lab Sample ID: LCSD 880-64982/3-A**
**Matrix: Solid**
**Analysis Batch: 65296**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64982**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 870.1 | | mg/Kg | | 87 | 70 - 130 | 5 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 730.7 | | mg/Kg | | 73 | 70 - 130 | 19 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 110 | | 70 - 130 |
| o-Terphenyl (Surr) | 107 | | 70 - 130 |

**Lab Sample ID: 880-34568-50 MS**
**Matrix: Solid**
**Analysis Batch: 65296**

**Client Sample ID: FL 50**
**Prep Type: Total/NA**
**Prep Batch: 64982**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 998 | 1076 | | mg/Kg | | 106 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 998 | 1014 | | mg/Kg | | 102 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 119 | | 70 - 130 |
| o-Terphenyl (Surr) | 92 | | 70 - 130 |

**Lab Sample ID: 880-34568-50 MSD**
**Matrix: Solid**
**Analysis Batch: 65296**

**Client Sample ID: FL 50**
**Prep Type: Total/NA**
**Prep Batch: 64982**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 998 | 1066 | | mg/Kg | | 105 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 998 | 1085 | | mg/Kg | | 109 | 70 - 130 | 7 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 127 | | 70 - 130 |
| o-Terphenyl (Surr) | 97 | | 70 - 130 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: MB 880-64983/1-A**
**Matrix: Solid**
**Analysis Batch: 65298**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64983**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 08:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 08:29 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:39 | 10/23/23 08:29 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *174* | *S1+* | *70 - 130* | *10/18/23 12:39* | *10/23/23 08:29* | *1* |
| *o-Terphenyl (Surr)* | *190* | *S1+* | *70 - 130* | *10/18/23 12:39* | *10/23/23 08:29* | *1* |

**Lab Sample ID: LCS 880-64983/2-A**
**Matrix: Solid**
**Analysis Batch: 65298**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64983**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 810.7 | | mg/Kg | | 81 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 805.1 | | mg/Kg | | 81 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *80* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *85* | | *70 - 130* |

**Lab Sample ID: LCSD 880-64983/3-A**
**Matrix: Solid**
**Analysis Batch: 65298**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64983**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 886.3 | | mg/Kg | | 89 | 70 - 130 | 9 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 895.0 | | mg/Kg | | 90 | 70 - 130 | 11 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* |

**Lab Sample ID: 880-34568-73 MS**
**Matrix: Solid**
**Analysis Batch: 65298**

**Client Sample ID: FL 73**
**Prep Type: Total/NA**
**Prep Batch: 64983**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 991 | 938.2 | | mg/Kg | | 92 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.8 | U F1 | 991 | 635.6 | F1 | mg/Kg | | 61 | 70 - 130 | | |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: 880-34568-73 MS**
**Matrix: Solid**
**Analysis Batch: 65298**

**Client Sample ID: FL 73**
**Prep Type: Total/NA**
**Prep Batch: 64983**

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 84 | | 70 - 130 |
| o-Terphenyl (Surr) | 81 | | 70 - 130 |

**Lab Sample ID: 880-34568-73 MSD**
**Matrix: Solid**
**Analysis Batch: 65298**

**Client Sample ID: FL 73**
**Prep Type: Total/NA**
**Prep Batch: 64983**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 991 | 945.3 | | mg/Kg | | 93 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U F1 | 991 | 646.9 | F1 | mg/Kg | | 62 | 70 - 130 | 2 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 85 | | 70 - 130 |
| o-Terphenyl (Surr) | 81 | | 70 - 130 |

**Lab Sample ID: MB 880-64984/1-A**
**Matrix: Solid**
**Analysis Batch: 65264**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 64984**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 08:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 08:01 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/18/23 12:42 | 10/21/23 08:01 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 145 | S1+ | 70 - 130 | 10/18/23 12:42 | 10/21/23 08:01 | 1 |
| o-Terphenyl (Surr) | 166 | S1+ | 70 - 130 | 10/18/23 12:42 | 10/21/23 08:01 | 1 |

**Lab Sample ID: LCS 880-64984/2-A**
**Matrix: Solid**
**Analysis Batch: 65264**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 64984**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 928.9 | | mg/Kg | | 93 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 938.9 | | mg/Kg | | 94 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 90 | | 70 - 130 |
| o-Terphenyl (Surr) | 98 | | 70 - 130 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: LCSD 880-64984/3-A**
**Matrix: Solid**
**Analysis Batch: 65264**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 64984**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 921.3 | | mg/Kg | | 92 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 947.0 | | mg/Kg | | 95 | 70 - 130 | 1 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *94* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* |

**Lab Sample ID: 880-34568-93 MS**
**Matrix: Solid**
**Analysis Batch: 65264**

**Client Sample ID: FL 93**
**Prep Type: Total/NA**
**Prep Batch: 64984**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 992 | 1032 | | mg/Kg | | 99 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 992 | 757.8 | | mg/Kg | | 73 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *91* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *87* | | *70 - 130* |

**Lab Sample ID: 880-34568-93 MSD**
**Matrix: Solid**
**Analysis Batch: 65264**

**Client Sample ID: FL 93**
**Prep Type: Total/NA**
**Prep Batch: 64984**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 992 | 1059 | | mg/Kg | | 102 | 70 - 130 | 3 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 992 | 841.6 | | mg/Kg | | 81 | 70 - 130 | 10 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *99* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* |

**Lab Sample ID: MB 880-65061/1-A**
**Matrix: Solid**
**Analysis Batch: 65020**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65061**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 19:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 19:30 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/19/23 14:03 | 10/19/23 19:30 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Lab Sample ID: MB 880-65061/1-A**
**Matrix: Solid**
**Analysis Batch: 65020**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65061**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 136 | S1+ | 70 - 130 | 10/19/23 14:03 | 10/19/23 19:30 | 1 |
| o-Terphenyl (Surr) | 146 | S1+ | 70 - 130 | 10/19/23 14:03 | 10/19/23 19:30 | 1 |

**Lab Sample ID: LCS 880-65061/2-A**
**Matrix: Solid**
**Analysis Batch: 65020**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65061**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 927.9 | | mg/Kg | | 93 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 956.5 | | mg/Kg | | 96 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 83 | | 70 - 130 |
| o-Terphenyl (Surr) | 82 | | 70 - 130 |

**Lab Sample ID: LCSD 880-65061/3-A**
**Matrix: Solid**
**Analysis Batch: 65020**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65061**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 861.5 | | mg/Kg | | 86 | 70 - 130 | 7 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 851.2 | | mg/Kg | | 85 | 70 - 130 | 12 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 82 | | 70 - 130 |
| o-Terphenyl (Surr) | 83 | | 70 - 130 |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-64953/1-A**
**Matrix: Solid**
**Analysis Batch: 65178**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | mg/Kg | | | 10/20/23 20:18 | 1 |

**Lab Sample ID: LCS 880-64953/2-A**
**Matrix: Solid**
**Analysis Batch: 65178**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 231.2 | | mg/Kg | | 92 | 90 - 110 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: LCSD 880-64953/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65178**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 231.9 | | mg/Kg | | 93 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34568-35 MS** — **Client Sample ID: FL 35**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65178**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 254 | F1 | 251 | 475.7 | F1 | mg/Kg | | 88 | 90 - 110 | | |

**Lab Sample ID: 880-34568-35 MSD** — **Client Sample ID: FL 35**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65178**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 254 | F1 | 251 | 476.4 | F1 | mg/Kg | | 89 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34568-45 MS** — **Client Sample ID: FL 45**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65178**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 701 | F1 | 248 | 899.5 | F1 | mg/Kg | | 80 | 90 - 110 | | |

**Lab Sample ID: 880-34568-45 MSD** — **Client Sample ID: FL 45**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65178**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 701 | F1 | 248 | 899.7 | F1 | mg/Kg | | 80 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-64954/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65186**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/21/23 01:56 | 1 |

**Lab Sample ID: LCS 880-64954/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65186**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 250.4 | | mg/Kg | | 100 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-64954/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65186**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 251.2 | | mg/Kg | | 100 | 90 - 110 | 0 | 20 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: 880-34568-55 MS**
**Matrix: Solid**
**Analysis Batch: 65186**

**Client Sample ID: FL 55**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 104 | | 251 | 345.9 | | mg/Kg | | 97 | 90 - 110 |

**Lab Sample ID: 880-34568-55 MSD**
**Matrix: Solid**
**Analysis Batch: 65186**

**Client Sample ID: FL 55**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 104 | | 251 | 345.4 | | mg/Kg | | 96 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34568-65 MS**
**Matrix: Solid**
**Analysis Batch: 65186**

**Client Sample ID: FL 65**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 55.7 | F1 | 249 | 345.4 | F1 | mg/Kg | | 117 | 90 - 110 |

**Lab Sample ID: 880-34568-65 MSD**
**Matrix: Solid**
**Analysis Batch: 65186**

**Client Sample ID: FL 65**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 55.7 | F1 | 249 | 346.2 | F1 | mg/Kg | | 117 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-64955/1-A**
**Matrix: Solid**
**Analysis Batch: 65188**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/20/23 19:54 | 1 |

**Lab Sample ID: LCS 880-64955/2-A**
**Matrix: Solid**
**Analysis Batch: 65188**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 245.7 | | mg/Kg | | 98 | 90 - 110 |

**Lab Sample ID: LCSD 880-64955/3-A**
**Matrix: Solid**
**Analysis Batch: 65188**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 246.2 | | mg/Kg | | 98 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34568-73 MS**
**Matrix: Solid**
**Analysis Batch: 65188**

**Client Sample ID: FL 73**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 941 | F1 | 252 | 1128 | F1 | mg/Kg | | 74 | 90 - 110 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: 880-34568-73 MSD** — **Client Sample ID: FL 73**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65188**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 941 | F1 | 252 | 1125 | F1 | mg/Kg | | 73 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34568-83 MS** — **Client Sample ID: FL 83**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65188**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 57.5 | F1 | 252 | 354.6 | F1 | mg/Kg | | 118 | 90 - 110 |

**Lab Sample ID: 880-34568-83 MSD** — **Client Sample ID: FL 83**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65188**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 57.5 | F1 | 252 | 354.2 | F1 | mg/Kg | | 118 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-64951/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65191**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/22/23 18:17 | 1 |

**Lab Sample ID: LCS 880-64951/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65191**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 226.8 | | mg/Kg | | 91 | 90 - 110 |

**Lab Sample ID: LCSD 880-64951/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65191**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 250 | 227.1 | | mg/Kg | | 91 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34568-3 MS** — **Client Sample ID: FL 3**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65191**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 135 | | 252 | 404.0 | | mg/Kg | | 107 | 90 - 110 |

**Lab Sample ID: 880-34568-3 MSD** — **Client Sample ID: FL 3**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 65191**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 135 | | 252 | 403.6 | | mg/Kg | | 106 | 90 - 110 | 0 | 20 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-64956/1-A**
**Matrix: Solid**
**Analysis Batch: 65195**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/23/23 12:13 | 1 |

**Lab Sample ID: LCS 880-64956/2-A**
**Matrix: Solid**
**Analysis Batch: 65195**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 242.8 | | mg/Kg | | 97 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-64956/3-A**
**Matrix: Solid**
**Analysis Batch: 65195**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 243.4 | | mg/Kg | | 97 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34568-93 MS**
**Matrix: Solid**
**Analysis Batch: 65195**

**Client Sample ID: FL 93**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 40.5 | | 251 | 295.1 | | mg/Kg | | 102 | 90 - 110 | | |

**Lab Sample ID: 880-34568-93 MSD**
**Matrix: Solid**
**Analysis Batch: 65195**

**Client Sample ID: FL 93**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 40.5 | | 251 | 295.6 | | mg/Kg | | 102 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34568-103 MS**
**Matrix: Solid**
**Analysis Batch: 65195**

**Client Sample ID: FL 103**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 27.1 | | 251 | 299.4 | | mg/Kg | | 109 | 90 - 110 | | |

**Lab Sample ID: 880-34568-103 MSD**
**Matrix: Solid**
**Analysis Batch: 65195**

**Client Sample ID: FL 103**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 27.1 | | 251 | 300.6 | | mg/Kg | | 109 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-65081/1-A**
**Matrix: Solid**
**Analysis Batch: 65261**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/21/23 03:46 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: LCS 880-65081/2-A**
**Matrix: Solid**
**Analysis Batch: 65261**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 234.5 | | mg/Kg | | 94 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-65081/3-A**
**Matrix: Solid**
**Analysis Batch: 65261**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 234.7 | | mg/Kg | | 94 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34568-16 MS**
**Matrix: Solid**
**Analysis Batch: 65261**

**Client Sample ID: FL 16**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 93.9 | | 253 | 326.9 | | mg/Kg | | 92 | 90 - 110 | | |

**Lab Sample ID: 880-34568-16 MSD**
**Matrix: Solid**
**Analysis Batch: 65261**

**Client Sample ID: FL 16**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 93.9 | | 253 | 327.4 | | mg/Kg | | 92 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34568-27 MS**
**Matrix: Solid**
**Analysis Batch: 65261**

**Client Sample ID: FL 27**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 163 | F1 | 249 | 352.2 | F1 | mg/Kg | | 76 | 90 - 110 | | |

**Lab Sample ID: 880-34568-27 MSD**
**Matrix: Solid**
**Analysis Batch: 65261**

**Client Sample ID: FL 27**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 163 | F1 | 249 | 352.7 | F1 | mg/Kg | | 76 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-64957/1-A**
**Matrix: Solid**
**Analysis Batch: 65358**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/23/23 15:37 | 1 |

**Lab Sample ID: LCS 880-64957/2-A**
**Matrix: Solid**
**Analysis Batch: 65358**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 242.5 | | mg/Kg | | 97 | 90 - 110 | | |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: LCSD 880-64957/3-A**
**Matrix: Solid**
**Analysis Batch: 65358**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 243.8 | | mg/Kg | | 98 | 90 - 110 | 1 | 20 |

**Lab Sample ID: 880-34568-113 MS**
**Matrix: Solid**
**Analysis Batch: 65358**

**Client Sample ID: FL 113**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 65.3 | F1 | 249 | 341.8 | F1 | mg/Kg | | 111 | 90 - 110 |

**Lab Sample ID: 880-34568-113 MSD**
**Matrix: Solid**
**Analysis Batch: 65358**

**Client Sample ID: FL 113**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 65.3 | F1 | 249 | 342.2 | F1 | mg/Kg | | 111 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34568-123 MS**
**Matrix: Solid**
**Analysis Batch: 65358**

**Client Sample ID: FL 123**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 93.9 | | 252 | 355.7 | | mg/Kg | | 104 | 90 - 110 |

**Lab Sample ID: 880-34568-123 MSD**
**Matrix: Solid**
**Analysis Batch: 65358**

**Client Sample ID: FL 123**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 93.9 | | 252 | 355.8 | | mg/Kg | | 104 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC VOA

### Prep Batch: 65118

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-1 | FL 1 | Total/NA | Solid | 5035 | |
| 880-34568-2 | FL 2 | Total/NA | Solid | 5035 | |
| 880-34568-3 | FL 3 | Total/NA | Solid | 5035 | |
| 880-34568-4 | FL 4 | Total/NA | Solid | 5035 | |
| 880-34568-5 | FL 5 | Total/NA | Solid | 5035 | |
| 880-34568-6 | FL 6 | Total/NA | Solid | 5035 | |
| 880-34568-7 | FL 7 | Total/NA | Solid | 5035 | |
| 880-34568-8 | FL 8 | Total/NA | Solid | 5035 | |
| 880-34568-9 | FL 9 | Total/NA | Solid | 5035 | |
| 880-34568-10 | FL 10 | Total/NA | Solid | 5035 | |
| 880-34568-11 | FL 11 | Total/NA | Solid | 5035 | |
| 880-34568-12 | FL 12 | Total/NA | Solid | 5035 | |
| 880-34568-16 | FL 16 | Total/NA | Solid | 5035 | |
| 880-34568-17 | FL 17 | Total/NA | Solid | 5035 | |
| 880-34568-18 | FL 18 | Total/NA | Solid | 5035 | |
| 880-34568-19 | FL 19 | Total/NA | Solid | 5035 | |
| 880-34568-20 | FL 20 | Total/NA | Solid | 5035 | |
| 880-34568-21 | FL 21 | Total/NA | Solid | 5035 | |
| 880-34568-22 | FL 22 | Total/NA | Solid | 5035 | |
| 880-34568-23 | FL 23 | Total/NA | Solid | 5035 | |
| MB 880-65118/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65118/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-65118/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-34568-1 MS | FL 1 | Total/NA | Solid | 5035 | |
| 880-34568-1 MSD | FL 1 | Total/NA | Solid | 5035 | |

### Prep Batch: 65120

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-119 | FL 119 | Total/NA | Solid | 5035 | |
| 880-34568-120 | FL 120 | Total/NA | Solid | 5035 | |
| 880-34568-121 | FL 121 | Total/NA | Solid | 5035 | |
| 880-34568-122 | FL 122 | Total/NA | Solid | 5035 | |
| 880-34568-123 | FL 123 | Total/NA | Solid | 5035 | |
| 880-34568-124 | FL 124 | Total/NA | Solid | 5035 | |
| 880-34568-125 | FL 125 | Total/NA | Solid | 5035 | |
| MB 880-65120/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65120/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-65120/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-34568-119 MS | FL 119 | Total/NA | Solid | 5035 | |
| 880-34568-119 MSD | FL 119 | Total/NA | Solid | 5035 | |

### Prep Batch: 65121

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-24 | FL 24 | Total/NA | Solid | 5035 | |
| 880-34568-25 | FL 25 | Total/NA | Solid | 5035 | |
| 880-34568-27 | FL 27 | Total/NA | Solid | 5035 | |
| 880-34568-29 | FL 29 | Total/NA | Solid | 5035 | |
| 880-34568-31 | FL 31 | Total/NA | Solid | 5035 | |
| 880-34568-35 | FL 35 | Total/NA | Solid | 5035 | |
| 880-34568-36 | FL 36 | Total/NA | Solid | 5035 | |
| 880-34568-37 | FL 37 | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC VOA (Continued)

### Prep Batch: 65121 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-38 | FL 38 | Total/NA | Solid | 5035 | |
| 880-34568-39 | FL 39 | Total/NA | Solid | 5035 | |
| 880-34568-40 | FL 40 | Total/NA | Solid | 5035 | |
| 880-34568-41 | FL 41 | Total/NA | Solid | 5035 | |
| 880-34568-42 | FL 42 | Total/NA | Solid | 5035 | |
| 880-34568-43 | FL 43 | Total/NA | Solid | 5035 | |
| 880-34568-44 | FL 44 | Total/NA | Solid | 5035 | |
| 880-34568-45 | FL 45 | Total/NA | Solid | 5035 | |
| 880-34568-46 | FL 46 | Total/NA | Solid | 5035 | |
| 880-34568-47 | FL 47 | Total/NA | Solid | 5035 | |
| 880-34568-48 | FL 48 | Total/NA | Solid | 5035 | |
| 880-34568-49 | FL 49 | Total/NA | Solid | 5035 | |
| MB 880-65121/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65121/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-65121/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-34568-24 MS | FL 24 | Total/NA | Solid | 5035 | |
| 880-34568-24 MSD | FL 24 | Total/NA | Solid | 5035 | |

### Prep Batch: 65122

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-50 | FL 50 | Total/NA | Solid | 5035 | |
| 880-34568-51 | FL 51 | Total/NA | Solid | 5035 | |
| 880-34568-55 | FL 55 | Total/NA | Solid | 5035 | |
| 880-34568-56 | FL 56 | Total/NA | Solid | 5035 | |
| 880-34568-57 | FL 57 | Total/NA | Solid | 5035 | |
| 880-34568-58 | FL 58 | Total/NA | Solid | 5035 | |
| 880-34568-59 | FL 59 | Total/NA | Solid | 5035 | |
| 880-34568-60 | FL 60 | Total/NA | Solid | 5035 | |
| 880-34568-61 | FL 61 | Total/NA | Solid | 5035 | |
| 880-34568-62 | FL 62 | Total/NA | Solid | 5035 | |
| 880-34568-63 | FL 63 | Total/NA | Solid | 5035 | |
| 880-34568-64 | FL 64 | Total/NA | Solid | 5035 | |
| 880-34568-65 | FL 65 | Total/NA | Solid | 5035 | |
| 880-34568-66 | FL 66 | Total/NA | Solid | 5035 | |
| 880-34568-67 | FL 67 | Total/NA | Solid | 5035 | |
| 880-34568-68 | FL 68 | Total/NA | Solid | 5035 | |
| 880-34568-70 | FL 70 | Total/NA | Solid | 5035 | |
| 880-34568-71 | FL 71 | Total/NA | Solid | 5035 | |
| 880-34568-72 | FL 72 | Total/NA | Solid | 5035 | |
| 880-34568-73 | FL 73 | Total/NA | Solid | 5035 | |
| MB 880-65122/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65122/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-65122/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-34568-50 MS | FL 50 | Total/NA | Solid | 5035 | |
| 880-34568-50 MSD | FL 50 | Total/NA | Solid | 5035 | |

### Prep Batch: 65123

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-74 | FL 74 | Total/NA | Solid | 5035 | |
| 880-34568-75 | FL 75 | Total/NA | Solid | 5035 | |
| 880-34568-76 | FL 76 | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC VOA (Continued)

### Prep Batch: 65123 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-77 | FL 77 | Total/NA | Solid | 5035 | |
| 880-34568-78 | FL 78 | Total/NA | Solid | 5035 | |
| 880-34568-79 | FL 79 | Total/NA | Solid | 5035 | |
| 880-34568-80 | FL 80 | Total/NA | Solid | 5035 | |
| 880-34568-81 | FL 81 | Total/NA | Solid | 5035 | |
| 880-34568-82 | FL 82 | Total/NA | Solid | 5035 | |
| 880-34568-83 | FL 83 | Total/NA | Solid | 5035 | |
| MB 880-65123/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65123/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-65123/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-34568-74 MS | FL 74 | Total/NA | Solid | 5035 | |
| 880-34568-74 MSD | FL 74 | Total/NA | Solid | 5035 | |

### Prep Batch: 65124

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-94 | FL 94 | Total/NA | Solid | 5035 | |
| 880-34568-95 | FL 95 | Total/NA | Solid | 5035 | |
| 880-34568-96 | FL 96 | Total/NA | Solid | 5035 | |
| 880-34568-97 | FL 97 | Total/NA | Solid | 5035 | |
| 880-34568-98 | FL 98 | Total/NA | Solid | 5035 | |
| 880-34568-99 | FL 99 | Total/NA | Solid | 5035 | |
| 880-34568-100 | FL 100 | Total/NA | Solid | 5035 | |
| 880-34568-101 | FL 101 | Total/NA | Solid | 5035 | |
| 880-34568-102 | FL 102 | Total/NA | Solid | 5035 | |
| 880-34568-103 | FL 103 | Total/NA | Solid | 5035 | |
| 880-34568-109 | FL 109 | Total/NA | Solid | 5035 | |
| 880-34568-110 | FL 110 | Total/NA | Solid | 5035 | |
| 880-34568-111 | FL 111 | Total/NA | Solid | 5035 | |
| 880-34568-112 | FL 112 | Total/NA | Solid | 5035 | |
| 880-34568-113 | FL 113 | Total/NA | Solid | 5035 | |
| 880-34568-114 | FL 114 | Total/NA | Solid | 5035 | |
| 880-34568-115 | FL 115 | Total/NA | Solid | 5035 | |
| 880-34568-116 | FL 116 | Total/NA | Solid | 5035 | |
| 880-34568-117 | FL 117 | Total/NA | Solid | 5035 | |
| 880-34568-118 | FL 118 | Total/NA | Solid | 5035 | |
| MB 880-65124/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65124/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-65124/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-34568-94 MS | FL 94 | Total/NA | Solid | 5035 | |
| 880-34568-94 MSD | FL 94 | Total/NA | Solid | 5035 | |

### Analysis Batch: 65274

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-1 | FL 1 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-2 | FL 2 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-3 | FL 3 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-4 | FL 4 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-5 | FL 5 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-6 | FL 6 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-7 | FL 7 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-8 | FL 8 | Total/NA | Solid | 8021B | 65118 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC VOA (Continued)

### Analysis Batch: 65274 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-9 | FL 9 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-10 | FL 10 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-11 | FL 11 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-12 | FL 12 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-16 | FL 16 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-17 | FL 17 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-18 | FL 18 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-19 | FL 19 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-20 | FL 20 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-21 | FL 21 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-22 | FL 22 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-23 | FL 23 | Total/NA | Solid | 8021B | 65118 |
| MB 880-65118/5-A | Method Blank | Total/NA | Solid | 8021B | 65118 |
| LCS 880-65118/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65118 |
| LCSD 880-65118/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65118 |
| 880-34568-1 MS | FL 1 | Total/NA | Solid | 8021B | 65118 |
| 880-34568-1 MSD | FL 1 | Total/NA | Solid | 8021B | 65118 |

### Prep Batch: 65275

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-65275/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Analysis Batch: 65300

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-74 | FL 74 | Total/NA | Solid | 8021B | 65123 |
| 880-34568-75 | FL 75 | Total/NA | Solid | 8021B | 65123 |
| 880-34568-76 | FL 76 | Total/NA | Solid | 8021B | 65123 |
| 880-34568-77 | FL 77 | Total/NA | Solid | 8021B | 65123 |
| 880-34568-78 | FL 78 | Total/NA | Solid | 8021B | 65123 |
| 880-34568-79 | FL 79 | Total/NA | Solid | 8021B | 65123 |
| 880-34568-80 | FL 80 | Total/NA | Solid | 8021B | 65123 |
| 880-34568-81 | FL 81 | Total/NA | Solid | 8021B | 65123 |
| 880-34568-82 | FL 82 | Total/NA | Solid | 8021B | 65123 |
| 880-34568-83 | FL 83 | Total/NA | Solid | 8021B | 65123 |
| MB 880-65123/5-A | Method Blank | Total/NA | Solid | 8021B | 65123 |
| LCS 880-65123/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65123 |
| LCSD 880-65123/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65123 |
| 880-34568-74 MS | FL 74 | Total/NA | Solid | 8021B | 65123 |
| 880-34568-74 MSD | FL 74 | Total/NA | Solid | 8021B | 65123 |

### Analysis Batch: 65321

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-94 | FL 94 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-95 | FL 95 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-96 | FL 96 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-97 | FL 97 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-98 | FL 98 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-99 | FL 99 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-100 | FL 100 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-101 | FL 101 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-102 | FL 102 | Total/NA | Solid | 8021B | 65124 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC VOA (Continued)

### Analysis Batch: 65321 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-103 | FL 103 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-109 | FL 109 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-110 | FL 110 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-111 | FL 111 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-112 | FL 112 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-113 | FL 113 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-114 | FL 114 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-115 | FL 115 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-116 | FL 116 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-117 | FL 117 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-118 | FL 118 | Total/NA | Solid | 8021B | 65124 |
| MB 880-65124/5-A | Method Blank | Total/NA | Solid | 8021B | 65124 |
| MB 880-65335/5-A | Method Blank | Total/NA | Solid | 8021B | 65335 |
| LCS 880-65124/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65124 |
| LCSD 880-65124/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65124 |
| 880-34568-94 MS | FL 94 | Total/NA | Solid | 8021B | 65124 |
| 880-34568-94 MSD | FL 94 | Total/NA | Solid | 8021B | 65124 |

### Analysis Batch: 65322

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-24 | FL 24 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-25 | FL 25 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-27 | FL 27 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-29 | FL 29 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-31 | FL 31 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-35 | FL 35 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-36 | FL 36 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-37 | FL 37 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-38 | FL 38 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-39 | FL 39 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-40 | FL 40 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-41 | FL 41 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-42 | FL 42 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-43 | FL 43 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-44 | FL 44 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-45 | FL 45 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-46 | FL 46 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-47 | FL 47 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-48 | FL 48 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-49 | FL 49 | Total/NA | Solid | 8021B | 65121 |
| MB 880-65121/5-A | Method Blank | Total/NA | Solid | 8021B | 65121 |
| MB 880-65275/5-A | Method Blank | Total/NA | Solid | 8021B | 65275 |
| LCS 880-65121/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65121 |
| LCSD 880-65121/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65121 |
| 880-34568-24 MS | FL 24 | Total/NA | Solid | 8021B | 65121 |
| 880-34568-24 MSD | FL 24 | Total/NA | Solid | 8021B | 65121 |

### Prep Batch: 65335

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-65335/5-A | Method Blank | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC VOA

### Prep Batch: 65370

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-84 | FL 84 | Total/NA | Solid | 5035 | |
| 880-34568-85 | FL 85 | Total/NA | Solid | 5035 | |
| 880-34568-86 | FL 86 | Total/NA | Solid | 5035 | |
| 880-34568-87 | FL 87 | Total/NA | Solid | 5035 | |
| 880-34568-88 | FL 88 | Total/NA | Solid | 5035 | |
| 880-34568-89 | FL 89 | Total/NA | Solid | 5035 | |
| 880-34568-90 | FL 90 | Total/NA | Solid | 5035 | |
| 880-34568-91 | FL 91 | Total/NA | Solid | 5035 | |
| 880-34568-92 | FL 92 | Total/NA | Solid | 5035 | |
| 880-34568-93 | FL 93 | Total/NA | Solid | 5035 | |
| MB 880-65370/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65370/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-65370/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

### Analysis Batch: 65442

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-84 | FL 84 | Total/NA | Solid | 8021B | 65370 |
| 880-34568-85 | FL 85 | Total/NA | Solid | 8021B | 65370 |
| 880-34568-86 | FL 86 | Total/NA | Solid | 8021B | 65370 |
| 880-34568-87 | FL 87 | Total/NA | Solid | 8021B | 65370 |
| 880-34568-88 | FL 88 | Total/NA | Solid | 8021B | 65370 |
| 880-34568-89 | FL 89 | Total/NA | Solid | 8021B | 65370 |
| 880-34568-90 | FL 90 | Total/NA | Solid | 8021B | 65370 |
| 880-34568-91 | FL 91 | Total/NA | Solid | 8021B | 65370 |
| 880-34568-92 | FL 92 | Total/NA | Solid | 8021B | 65370 |
| 880-34568-93 | FL 93 | Total/NA | Solid | 8021B | 65370 |
| MB 880-65370/5-A | Method Blank | Total/NA | Solid | 8021B | 65370 |
| LCS 880-65370/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65370 |
| LCSD 880-65370/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65370 |

### Analysis Batch: 65443

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-50 | FL 50 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-51 | FL 51 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-55 | FL 55 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-56 | FL 56 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-57 | FL 57 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-58 | FL 58 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-59 | FL 59 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-60 | FL 60 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-61 | FL 61 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-62 | FL 62 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-63 | FL 63 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-64 | FL 64 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-65 | FL 65 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-66 | FL 66 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-67 | FL 67 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-68 | FL 68 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-70 | FL 70 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-71 | FL 71 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-72 | FL 72 | Total/NA | Solid | 8021B | 65122 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC VOA (Continued)

### Analysis Batch: 65443 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-73 | FL 73 | Total/NA | Solid | 8021B | 65122 |
| MB 880-65122/5-A | Method Blank | Total/NA | Solid | 8021B | 65122 |
| LCS 880-65122/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65122 |
| LCSD 880-65122/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65122 |
| 880-34568-50 MS | FL 50 | Total/NA | Solid | 8021B | 65122 |
| 880-34568-50 MSD | FL 50 | Total/NA | Solid | 8021B | 65122 |

### Analysis Batch: 65444

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-119 | FL 119 | Total/NA | Solid | 8021B | 65120 |
| 880-34568-120 | FL 120 | Total/NA | Solid | 8021B | 65120 |
| 880-34568-121 | FL 121 | Total/NA | Solid | 8021B | 65120 |
| 880-34568-122 | FL 122 | Total/NA | Solid | 8021B | 65120 |
| 880-34568-123 | FL 123 | Total/NA | Solid | 8021B | 65120 |
| 880-34568-124 | FL 124 | Total/NA | Solid | 8021B | 65120 |
| 880-34568-125 | FL 125 | Total/NA | Solid | 8021B | 65120 |
| MB 880-65120/5-A | Method Blank | Total/NA | Solid | 8021B | 65120 |
| LCS 880-65120/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65120 |
| LCSD 880-65120/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65120 |
| 880-34568-119 MS | FL 119 | Total/NA | Solid | 8021B | 65120 |
| 880-34568-119 MSD | FL 119 | Total/NA | Solid | 8021B | 65120 |

### Analysis Batch: 65446

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-1 | FL 1 | Total/NA | Solid | Total BTEX | |
| 880-34568-2 | FL 2 | Total/NA | Solid | Total BTEX | |
| 880-34568-3 | FL 3 | Total/NA | Solid | Total BTEX | |
| 880-34568-4 | FL 4 | Total/NA | Solid | Total BTEX | |
| 880-34568-5 | FL 5 | Total/NA | Solid | Total BTEX | |
| 880-34568-6 | FL 6 | Total/NA | Solid | Total BTEX | |
| 880-34568-7 | FL 7 | Total/NA | Solid | Total BTEX | |
| 880-34568-8 | FL 8 | Total/NA | Solid | Total BTEX | |
| 880-34568-9 | FL 9 | Total/NA | Solid | Total BTEX | |
| 880-34568-10 | FL 10 | Total/NA | Solid | Total BTEX | |
| 880-34568-11 | FL 11 | Total/NA | Solid | Total BTEX | |
| 880-34568-12 | FL 12 | Total/NA | Solid | Total BTEX | |
| 880-34568-16 | FL 16 | Total/NA | Solid | Total BTEX | |
| 880-34568-17 | FL 17 | Total/NA | Solid | Total BTEX | |
| 880-34568-18 | FL 18 | Total/NA | Solid | Total BTEX | |
| 880-34568-19 | FL 19 | Total/NA | Solid | Total BTEX | |
| 880-34568-20 | FL 20 | Total/NA | Solid | Total BTEX | |
| 880-34568-21 | FL 21 | Total/NA | Solid | Total BTEX | |
| 880-34568-22 | FL 22 | Total/NA | Solid | Total BTEX | |
| 880-34568-23 | FL 23 | Total/NA | Solid | Total BTEX | |
| 880-34568-24 | FL 24 | Total/NA | Solid | Total BTEX | |
| 880-34568-25 | FL 25 | Total/NA | Solid | Total BTEX | |
| 880-34568-27 | FL 27 | Total/NA | Solid | Total BTEX | |
| 880-34568-29 | FL 29 | Total/NA | Solid | Total BTEX | |
| 880-34568-31 | FL 31 | Total/NA | Solid | Total BTEX | |
| 880-34568-35 | FL 35 | Total/NA | Solid | Total BTEX | |
| 880-34568-36 | FL 36 | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC VOA (Continued)

### Analysis Batch: 65446 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-37 | FL 37 | Total/NA | Solid | Total BTEX | |
| 880-34568-38 | FL 38 | Total/NA | Solid | Total BTEX | |
| 880-34568-39 | FL 39 | Total/NA | Solid | Total BTEX | |
| 880-34568-40 | FL 40 | Total/NA | Solid | Total BTEX | |
| 880-34568-41 | FL 41 | Total/NA | Solid | Total BTEX | |
| 880-34568-42 | FL 42 | Total/NA | Solid | Total BTEX | |
| 880-34568-43 | FL 43 | Total/NA | Solid | Total BTEX | |
| 880-34568-44 | FL 44 | Total/NA | Solid | Total BTEX | |
| 880-34568-45 | FL 45 | Total/NA | Solid | Total BTEX | |
| 880-34568-46 | FL 46 | Total/NA | Solid | Total BTEX | |
| 880-34568-47 | FL 47 | Total/NA | Solid | Total BTEX | |
| 880-34568-48 | FL 48 | Total/NA | Solid | Total BTEX | |
| 880-34568-49 | FL 49 | Total/NA | Solid | Total BTEX | |
| 880-34568-50 | FL 50 | Total/NA | Solid | Total BTEX | |
| 880-34568-51 | FL 51 | Total/NA | Solid | Total BTEX | |
| 880-34568-55 | FL 55 | Total/NA | Solid | Total BTEX | |
| 880-34568-56 | FL 56 | Total/NA | Solid | Total BTEX | |
| 880-34568-57 | FL 57 | Total/NA | Solid | Total BTEX | |
| 880-34568-58 | FL 58 | Total/NA | Solid | Total BTEX | |
| 880-34568-59 | FL 59 | Total/NA | Solid | Total BTEX | |
| 880-34568-60 | FL 60 | Total/NA | Solid | Total BTEX | |
| 880-34568-61 | FL 61 | Total/NA | Solid | Total BTEX | |
| 880-34568-62 | FL 62 | Total/NA | Solid | Total BTEX | |
| 880-34568-63 | FL 63 | Total/NA | Solid | Total BTEX | |
| 880-34568-64 | FL 64 | Total/NA | Solid | Total BTEX | |
| 880-34568-65 | FL 65 | Total/NA | Solid | Total BTEX | |
| 880-34568-66 | FL 66 | Total/NA | Solid | Total BTEX | |
| 880-34568-67 | FL 67 | Total/NA | Solid | Total BTEX | |
| 880-34568-68 | FL 68 | Total/NA | Solid | Total BTEX | |
| 880-34568-70 | FL 70 | Total/NA | Solid | Total BTEX | |
| 880-34568-71 | FL 71 | Total/NA | Solid | Total BTEX | |
| 880-34568-72 | FL 72 | Total/NA | Solid | Total BTEX | |
| 880-34568-73 | FL 73 | Total/NA | Solid | Total BTEX | |
| 880-34568-74 | FL 74 | Total/NA | Solid | Total BTEX | |
| 880-34568-75 | FL 75 | Total/NA | Solid | Total BTEX | |
| 880-34568-76 | FL 76 | Total/NA | Solid | Total BTEX | |
| 880-34568-77 | FL 77 | Total/NA | Solid | Total BTEX | |
| 880-34568-78 | FL 78 | Total/NA | Solid | Total BTEX | |
| 880-34568-79 | FL 79 | Total/NA | Solid | Total BTEX | |
| 880-34568-80 | FL 80 | Total/NA | Solid | Total BTEX | |
| 880-34568-81 | FL 81 | Total/NA | Solid | Total BTEX | |
| 880-34568-82 | FL 82 | Total/NA | Solid | Total BTEX | |
| 880-34568-83 | FL 83 | Total/NA | Solid | Total BTEX | |
| 880-34568-84 | FL 84 | Total/NA | Solid | Total BTEX | |
| 880-34568-85 | FL 85 | Total/NA | Solid | Total BTEX | |
| 880-34568-86 | FL 86 | Total/NA | Solid | Total BTEX | |
| 880-34568-87 | FL 87 | Total/NA | Solid | Total BTEX | |
| 880-34568-88 | FL 88 | Total/NA | Solid | Total BTEX | |
| 880-34568-89 | FL 89 | Total/NA | Solid | Total BTEX | |
| 880-34568-90 | FL 90 | Total/NA | Solid | Total BTEX | |
| 880-34568-91 | FL 91 | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC VOA (Continued)

### Analysis Batch: 65446 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-92 | FL 92 | Total/NA | Solid | Total BTEX | |
| 880-34568-93 | FL 93 | Total/NA | Solid | Total BTEX | |
| 880-34568-94 | FL 94 | Total/NA | Solid | Total BTEX | |
| 880-34568-95 | FL 95 | Total/NA | Solid | Total BTEX | |
| 880-34568-96 | FL 96 | Total/NA | Solid | Total BTEX | |
| 880-34568-97 | FL 97 | Total/NA | Solid | Total BTEX | |
| 880-34568-98 | FL 98 | Total/NA | Solid | Total BTEX | |
| 880-34568-99 | FL 99 | Total/NA | Solid | Total BTEX | |
| 880-34568-100 | FL 100 | Total/NA | Solid | Total BTEX | |
| 880-34568-101 | FL 101 | Total/NA | Solid | Total BTEX | |
| 880-34568-102 | FL 102 | Total/NA | Solid | Total BTEX | |
| 880-34568-103 | FL 103 | Total/NA | Solid | Total BTEX | |
| 880-34568-109 | FL 109 | Total/NA | Solid | Total BTEX | |
| 880-34568-110 | FL 110 | Total/NA | Solid | Total BTEX | |
| 880-34568-111 | FL 111 | Total/NA | Solid | Total BTEX | |
| 880-34568-112 | FL 112 | Total/NA | Solid | Total BTEX | |
| 880-34568-113 | FL 113 | Total/NA | Solid | Total BTEX | |
| 880-34568-114 | FL 114 | Total/NA | Solid | Total BTEX | |
| 880-34568-115 | FL 115 | Total/NA | Solid | Total BTEX | |
| 880-34568-116 | FL 116 | Total/NA | Solid | Total BTEX | |
| 880-34568-117 | FL 117 | Total/NA | Solid | Total BTEX | |
| 880-34568-118 | FL 118 | Total/NA | Solid | Total BTEX | |
| 880-34568-119 | FL 119 | Total/NA | Solid | Total BTEX | |
| 880-34568-120 | FL 120 | Total/NA | Solid | Total BTEX | |
| 880-34568-121 | FL 121 | Total/NA | Solid | Total BTEX | |
| 880-34568-122 | FL 122 | Total/NA | Solid | Total BTEX | |
| 880-34568-123 | FL 123 | Total/NA | Solid | Total BTEX | |
| 880-34568-124 | FL 124 | Total/NA | Solid | Total BTEX | |
| 880-34568-125 | FL 125 | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Prep Batch: 64975

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-1 | FL 1 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-2 | FL 2 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-3 | FL 3 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-4 | FL 4 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-5 | FL 5 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-6 | FL 6 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-7 | FL 7 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-8 | FL 8 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-9 | FL 9 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-10 | FL 10 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-11 | FL 11 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-12 | FL 12 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-16 | FL 16 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-17 | FL 17 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-18 | FL 18 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-19 | FL 19 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-20 | FL 20 | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC Semi VOA (Continued)

### Prep Batch: 64975 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-21 | FL 21 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-22 | FL 22 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-23 | FL 23 | Total/NA | Solid | 8015NM Prep | |
| MB 880-64975/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-64975/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-64975/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-34568-1 MS | FL 1 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-1 MSD | FL 1 | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 64979

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-24 | FL 24 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-25 | FL 25 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-27 | FL 27 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-29 | FL 29 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-31 | FL 31 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-35 | FL 35 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-36 | FL 36 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-37 | FL 37 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-38 | FL 38 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-39 | FL 39 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-40 | FL 40 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-41 | FL 41 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-42 | FL 42 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-43 | FL 43 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-44 | FL 44 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-45 | FL 45 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-46 | FL 46 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-47 | FL 47 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-48 | FL 48 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-49 | FL 49 | Total/NA | Solid | 8015NM Prep | |
| MB 880-64979/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-64979/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-64979/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-34568-24 MS | FL 24 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-24 MSD | FL 24 | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 64982

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-50 | FL 50 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-51 | FL 51 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-55 | FL 55 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-56 | FL 56 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-57 | FL 57 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-58 | FL 58 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-59 | FL 59 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-60 | FL 60 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-61 | FL 61 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-62 | FL 62 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-63 | FL 63 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-64 | FL 64 | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC Semi VOA (Continued)

### Prep Batch: 64982 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-65 | FL 65 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-66 | FL 66 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-67 | FL 67 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-68 | FL 68 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-70 | FL 70 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-71 | FL 71 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-72 | FL 72 | Total/NA | Solid | 8015NM Prep | |
| MB 880-64982/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-64982/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-64982/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-34568-50 MS | FL 50 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-50 MSD | FL 50 | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 64983

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-73 | FL 73 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-74 | FL 74 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-75 | FL 75 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-76 | FL 76 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-77 | FL 77 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-78 | FL 78 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-79 | FL 79 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-80 | FL 80 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-81 | FL 81 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-82 | FL 82 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-83 | FL 83 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-84 | FL 84 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-85 | FL 85 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-86 | FL 86 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-87 | FL 87 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-88 | FL 88 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-89 | FL 89 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-90 | FL 90 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-91 | FL 91 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-92 | FL 92 | Total/NA | Solid | 8015NM Prep | |
| MB 880-64983/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-64983/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-64983/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-34568-73 MS | FL 73 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-73 MSD | FL 73 | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 64984

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-93 | FL 93 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-94 | FL 94 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-95 | FL 95 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-96 | FL 96 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-97 | FL 97 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-98 | FL 98 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-99 | FL 99 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-100 | FL 100 | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC Semi VOA (Continued)

### Prep Batch: 64984 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-101 | FL 101 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-102 | FL 102 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-103 | FL 103 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-109 | FL 109 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-110 | FL 110 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-111 | FL 111 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-112 | FL 112 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-113 | FL 113 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-114 | FL 114 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-115 | FL 115 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-116 | FL 116 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-117 | FL 117 | Total/NA | Solid | 8015NM Prep | |
| MB 880-64984/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-64984/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-64984/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-34568-93 MS | FL 93 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-93 MSD | FL 93 | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 65020

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-118 | FL 118 | Total/NA | Solid | 8015B NM | 65061 |
| 880-34568-119 | FL 119 | Total/NA | Solid | 8015B NM | 65061 |
| 880-34568-120 | FL 120 | Total/NA | Solid | 8015B NM | 65061 |
| 880-34568-121 | FL 121 | Total/NA | Solid | 8015B NM | 65061 |
| 880-34568-122 | FL 122 | Total/NA | Solid | 8015B NM | 65061 |
| 880-34568-123 | FL 123 | Total/NA | Solid | 8015B NM | 65061 |
| 880-34568-124 | FL 124 | Total/NA | Solid | 8015B NM | 65061 |
| 880-34568-125 | FL 125 | Total/NA | Solid | 8015B NM | 65061 |
| MB 880-65061/1-A | Method Blank | Total/NA | Solid | 8015B NM | 65061 |
| LCS 880-65061/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 65061 |
| LCSD 880-65061/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 65061 |

### Prep Batch: 65061

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-118 | FL 118 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-119 | FL 119 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-120 | FL 120 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-121 | FL 121 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-122 | FL 122 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-123 | FL 123 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-124 | FL 124 | Total/NA | Solid | 8015NM Prep | |
| 880-34568-125 | FL 125 | Total/NA | Solid | 8015NM Prep | |
| MB 880-65061/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-65061/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-65061/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 65145

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-1 | FL 1 | Total/NA | Solid | 8015 NM | |
| 880-34568-2 | FL 2 | Total/NA | Solid | 8015 NM | |
| 880-34568-3 | FL 3 | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC Semi VOA (Continued)

### Analysis Batch: 65145 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-4 | FL 4 | Total/NA | Solid | 8015 NM | |
| 880-34568-5 | FL 5 | Total/NA | Solid | 8015 NM | |
| 880-34568-6 | FL 6 | Total/NA | Solid | 8015 NM | |
| 880-34568-7 | FL 7 | Total/NA | Solid | 8015 NM | |
| 880-34568-8 | FL 8 | Total/NA | Solid | 8015 NM | |
| 880-34568-9 | FL 9 | Total/NA | Solid | 8015 NM | |
| 880-34568-10 | FL 10 | Total/NA | Solid | 8015 NM | |
| 880-34568-11 | FL 11 | Total/NA | Solid | 8015 NM | |
| 880-34568-12 | FL 12 | Total/NA | Solid | 8015 NM | |
| 880-34568-16 | FL 16 | Total/NA | Solid | 8015 NM | |
| 880-34568-17 | FL 17 | Total/NA | Solid | 8015 NM | |
| 880-34568-18 | FL 18 | Total/NA | Solid | 8015 NM | |
| 880-34568-19 | FL 19 | Total/NA | Solid | 8015 NM | |
| 880-34568-20 | FL 20 | Total/NA | Solid | 8015 NM | |
| 880-34568-21 | FL 21 | Total/NA | Solid | 8015 NM | |
| 880-34568-22 | FL 22 | Total/NA | Solid | 8015 NM | |
| 880-34568-23 | FL 23 | Total/NA | Solid | 8015 NM | |
| 880-34568-24 | FL 24 | Total/NA | Solid | 8015 NM | |
| 880-34568-25 | FL 25 | Total/NA | Solid | 8015 NM | |
| 880-34568-27 | FL 27 | Total/NA | Solid | 8015 NM | |
| 880-34568-29 | FL 29 | Total/NA | Solid | 8015 NM | |
| 880-34568-31 | FL 31 | Total/NA | Solid | 8015 NM | |
| 880-34568-35 | FL 35 | Total/NA | Solid | 8015 NM | |
| 880-34568-36 | FL 36 | Total/NA | Solid | 8015 NM | |
| 880-34568-37 | FL 37 | Total/NA | Solid | 8015 NM | |
| 880-34568-38 | FL 38 | Total/NA | Solid | 8015 NM | |
| 880-34568-39 | FL 39 | Total/NA | Solid | 8015 NM | |
| 880-34568-40 | FL 40 | Total/NA | Solid | 8015 NM | |
| 880-34568-41 | FL 41 | Total/NA | Solid | 8015 NM | |
| 880-34568-42 | FL 42 | Total/NA | Solid | 8015 NM | |
| 880-34568-43 | FL 43 | Total/NA | Solid | 8015 NM | |
| 880-34568-44 | FL 44 | Total/NA | Solid | 8015 NM | |
| 880-34568-45 | FL 45 | Total/NA | Solid | 8015 NM | |
| 880-34568-46 | FL 46 | Total/NA | Solid | 8015 NM | |
| 880-34568-47 | FL 47 | Total/NA | Solid | 8015 NM | |
| 880-34568-48 | FL 48 | Total/NA | Solid | 8015 NM | |
| 880-34568-49 | FL 49 | Total/NA | Solid | 8015 NM | |
| 880-34568-50 | FL 50 | Total/NA | Solid | 8015 NM | |
| 880-34568-51 | FL 51 | Total/NA | Solid | 8015 NM | |
| 880-34568-55 | FL 55 | Total/NA | Solid | 8015 NM | |
| 880-34568-56 | FL 56 | Total/NA | Solid | 8015 NM | |
| 880-34568-57 | FL 57 | Total/NA | Solid | 8015 NM | |
| 880-34568-58 | FL 58 | Total/NA | Solid | 8015 NM | |
| 880-34568-59 | FL 59 | Total/NA | Solid | 8015 NM | |
| 880-34568-60 | FL 60 | Total/NA | Solid | 8015 NM | |
| 880-34568-61 | FL 61 | Total/NA | Solid | 8015 NM | |
| 880-34568-62 | FL 62 | Total/NA | Solid | 8015 NM | |
| 880-34568-63 | FL 63 | Total/NA | Solid | 8015 NM | |
| 880-34568-64 | FL 64 | Total/NA | Solid | 8015 NM | |
| 880-34568-65 | FL 65 | Total/NA | Solid | 8015 NM | |
| 880-34568-66 | FL 66 | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC Semi VOA (Continued)

### Analysis Batch: 65145 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-67 | FL 67 | Total/NA | Solid | 8015 NM | |
| 880-34568-68 | FL 68 | Total/NA | Solid | 8015 NM | |
| 880-34568-70 | FL 70 | Total/NA | Solid | 8015 NM | |
| 880-34568-71 | FL 71 | Total/NA | Solid | 8015 NM | |
| 880-34568-72 | FL 72 | Total/NA | Solid | 8015 NM | |
| 880-34568-73 | FL 73 | Total/NA | Solid | 8015 NM | |
| 880-34568-74 | FL 74 | Total/NA | Solid | 8015 NM | |
| 880-34568-75 | FL 75 | Total/NA | Solid | 8015 NM | |
| 880-34568-76 | FL 76 | Total/NA | Solid | 8015 NM | |
| 880-34568-77 | FL 77 | Total/NA | Solid | 8015 NM | |
| 880-34568-78 | FL 78 | Total/NA | Solid | 8015 NM | |
| 880-34568-79 | FL 79 | Total/NA | Solid | 8015 NM | |
| 880-34568-80 | FL 80 | Total/NA | Solid | 8015 NM | |
| 880-34568-81 | FL 81 | Total/NA | Solid | 8015 NM | |
| 880-34568-82 | FL 82 | Total/NA | Solid | 8015 NM | |
| 880-34568-83 | FL 83 | Total/NA | Solid | 8015 NM | |
| 880-34568-84 | FL 84 | Total/NA | Solid | 8015 NM | |
| 880-34568-85 | FL 85 | Total/NA | Solid | 8015 NM | |
| 880-34568-86 | FL 86 | Total/NA | Solid | 8015 NM | |
| 880-34568-87 | FL 87 | Total/NA | Solid | 8015 NM | |
| 880-34568-88 | FL 88 | Total/NA | Solid | 8015 NM | |
| 880-34568-89 | FL 89 | Total/NA | Solid | 8015 NM | |
| 880-34568-90 | FL 90 | Total/NA | Solid | 8015 NM | |
| 880-34568-91 | FL 91 | Total/NA | Solid | 8015 NM | |
| 880-34568-92 | FL 92 | Total/NA | Solid | 8015 NM | |
| 880-34568-93 | FL 93 | Total/NA | Solid | 8015 NM | |
| 880-34568-94 | FL 94 | Total/NA | Solid | 8015 NM | |
| 880-34568-95 | FL 95 | Total/NA | Solid | 8015 NM | |
| 880-34568-96 | FL 96 | Total/NA | Solid | 8015 NM | |
| 880-34568-97 | FL 97 | Total/NA | Solid | 8015 NM | |
| 880-34568-98 | FL 98 | Total/NA | Solid | 8015 NM | |
| 880-34568-99 | FL 99 | Total/NA | Solid | 8015 NM | |
| 880-34568-100 | FL 100 | Total/NA | Solid | 8015 NM | |
| 880-34568-101 | FL 101 | Total/NA | Solid | 8015 NM | |
| 880-34568-102 | FL 102 | Total/NA | Solid | 8015 NM | |
| 880-34568-103 | FL 103 | Total/NA | Solid | 8015 NM | |
| 880-34568-109 | FL 109 | Total/NA | Solid | 8015 NM | |
| 880-34568-110 | FL 110 | Total/NA | Solid | 8015 NM | |
| 880-34568-111 | FL 111 | Total/NA | Solid | 8015 NM | |
| 880-34568-112 | FL 112 | Total/NA | Solid | 8015 NM | |
| 880-34568-113 | FL 113 | Total/NA | Solid | 8015 NM | |
| 880-34568-114 | FL 114 | Total/NA | Solid | 8015 NM | |
| 880-34568-115 | FL 115 | Total/NA | Solid | 8015 NM | |
| 880-34568-116 | FL 116 | Total/NA | Solid | 8015 NM | |
| 880-34568-117 | FL 117 | Total/NA | Solid | 8015 NM | |
| 880-34568-118 | FL 118 | Total/NA | Solid | 8015 NM | |
| 880-34568-119 | FL 119 | Total/NA | Solid | 8015 NM | |
| 880-34568-120 | FL 120 | Total/NA | Solid | 8015 NM | |
| 880-34568-121 | FL 121 | Total/NA | Solid | 8015 NM | |
| 880-34568-122 | FL 122 | Total/NA | Solid | 8015 NM | |
| 880-34568-123 | FL 123 | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC Semi VOA (Continued)

### Analysis Batch: 65145 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-124 | FL 124 | Total/NA | Solid | 8015 NM | |
| 880-34568-125 | FL 125 | Total/NA | Solid | 8015 NM | |

### Analysis Batch: 65264

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-93 | FL 93 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-94 | FL 94 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-95 | FL 95 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-96 | FL 96 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-97 | FL 97 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-98 | FL 98 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-99 | FL 99 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-100 | FL 100 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-101 | FL 101 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-102 | FL 102 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-103 | FL 103 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-109 | FL 109 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-110 | FL 110 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-111 | FL 111 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-112 | FL 112 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-113 | FL 113 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-114 | FL 114 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-115 | FL 115 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-116 | FL 116 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-117 | FL 117 | Total/NA | Solid | 8015B NM | 64984 |
| MB 880-64984/1-A | Method Blank | Total/NA | Solid | 8015B NM | 64984 |
| LCS 880-64984/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 64984 |
| LCSD 880-64984/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-93 MS | FL 93 | Total/NA | Solid | 8015B NM | 64984 |
| 880-34568-93 MSD | FL 93 | Total/NA | Solid | 8015B NM | 64984 |

### Analysis Batch: 65266

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-1 | FL 1 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-2 | FL 2 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-3 | FL 3 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-4 | FL 4 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-5 | FL 5 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-6 | FL 6 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-7 | FL 7 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-8 | FL 8 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-9 | FL 9 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-10 | FL 10 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-11 | FL 11 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-12 | FL 12 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-16 | FL 16 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-17 | FL 17 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-18 | FL 18 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-19 | FL 19 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-20 | FL 20 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-21 | FL 21 | Total/NA | Solid | 8015B NM | 64975 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC Semi VOA (Continued)

### Analysis Batch: 65266 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-22 | FL 22 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-23 | FL 23 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-24 | FL 24 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-25 | FL 25 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-27 | FL 27 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-29 | FL 29 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-31 | FL 31 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-35 | FL 35 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-36 | FL 36 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-37 | FL 37 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-38 | FL 38 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-39 | FL 39 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-40 | FL 40 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-41 | FL 41 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-42 | FL 42 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-43 | FL 43 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-44 | FL 44 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-45 | FL 45 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-46 | FL 46 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-47 | FL 47 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-48 | FL 48 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-49 | FL 49 | Total/NA | Solid | 8015B NM | 64979 |
| MB 880-64975/1-A | Method Blank | Total/NA | Solid | 8015B NM | 64975 |
| MB 880-64979/1-A | Method Blank | Total/NA | Solid | 8015B NM | 64979 |
| LCS 880-64975/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 64975 |
| LCS 880-64979/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 64979 |
| LCSD 880-64975/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 64975 |
| LCSD 880-64979/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-1 MS | FL 1 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-1 MSD | FL 1 | Total/NA | Solid | 8015B NM | 64975 |
| 880-34568-24 MS | FL 24 | Total/NA | Solid | 8015B NM | 64979 |
| 880-34568-24 MSD | FL 24 | Total/NA | Solid | 8015B NM | 64979 |

### Analysis Batch: 65296

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-50 | FL 50 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-51 | FL 51 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-55 | FL 55 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-56 | FL 56 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-57 | FL 57 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-58 | FL 58 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-59 | FL 59 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-60 | FL 60 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-61 | FL 61 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-62 | FL 62 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-63 | FL 63 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-64 | FL 64 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-65 | FL 65 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-66 | FL 66 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-67 | FL 67 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-68 | FL 68 | Total/NA | Solid | 8015B NM | 64982 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## GC Semi VOA (Continued)

### Analysis Batch: 65296 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-70 | FL 70 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-71 | FL 71 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-72 | FL 72 | Total/NA | Solid | 8015B NM | 64982 |
| MB 880-64982/1-A | Method Blank | Total/NA | Solid | 8015B NM | 64982 |
| LCS 880-64982/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 64982 |
| LCSD 880-64982/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-50 MS | FL 50 | Total/NA | Solid | 8015B NM | 64982 |
| 880-34568-50 MSD | FL 50 | Total/NA | Solid | 8015B NM | 64982 |

### Analysis Batch: 65298

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-73 | FL 73 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-74 | FL 74 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-75 | FL 75 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-76 | FL 76 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-77 | FL 77 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-78 | FL 78 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-79 | FL 79 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-80 | FL 80 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-81 | FL 81 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-82 | FL 82 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-83 | FL 83 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-84 | FL 84 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-85 | FL 85 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-86 | FL 86 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-87 | FL 87 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-88 | FL 88 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-89 | FL 89 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-90 | FL 90 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-91 | FL 91 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-92 | FL 92 | Total/NA | Solid | 8015B NM | 64983 |
| MB 880-64983/1-A | Method Blank | Total/NA | Solid | 8015B NM | 64983 |
| LCS 880-64983/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 64983 |
| LCSD 880-64983/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-73 MS | FL 73 | Total/NA | Solid | 8015B NM | 64983 |
| 880-34568-73 MSD | FL 73 | Total/NA | Solid | 8015B NM | 64983 |

## HPLC/IC

### Leach Batch: 64951

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-1 | FL 1 | Soluble | Solid | DI Leach | |
| 880-34568-2 | FL 2 | Soluble | Solid | DI Leach | |
| 880-34568-3 | FL 3 | Soluble | Solid | DI Leach | |
| 880-34568-4 | FL 4 | Soluble | Solid | DI Leach | |
| 880-34568-5 | FL 5 | Soluble | Solid | DI Leach | |
| 880-34568-6 | FL 6 | Soluble | Solid | DI Leach | |
| 880-34568-7 | FL 7 | Soluble | Solid | DI Leach | |
| 880-34568-8 | FL 8 | Soluble | Solid | DI Leach | |
| 880-34568-9 | FL 9 | Soluble | Solid | DI Leach | |
| 880-34568-10 | FL 10 | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## HPLC/IC (Continued)

### Leach Batch: 64951 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-11 | FL 11 | Soluble | Solid | DI Leach | |
| 880-34568-12 | FL 12 | Soluble | Solid | DI Leach | |
| MB 880-64951/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64951/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64951/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34568-3 MS | FL 3 | Soluble | Solid | DI Leach | |
| 880-34568-3 MSD | FL 3 | Soluble | Solid | DI Leach | |

### Leach Batch: 64953

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-35 | FL 35 | Soluble | Solid | DI Leach | |
| 880-34568-36 | FL 36 | Soluble | Solid | DI Leach | |
| 880-34568-37 | FL 37 | Soluble | Solid | DI Leach | |
| 880-34568-38 | FL 38 | Soluble | Solid | DI Leach | |
| 880-34568-39 | FL 39 | Soluble | Solid | DI Leach | |
| 880-34568-40 | FL 40 | Soluble | Solid | DI Leach | |
| 880-34568-41 | FL 41 | Soluble | Solid | DI Leach | |
| 880-34568-42 | FL 42 | Soluble | Solid | DI Leach | |
| 880-34568-43 | FL 43 | Soluble | Solid | DI Leach | |
| 880-34568-44 | FL 44 | Soluble | Solid | DI Leach | |
| 880-34568-45 | FL 45 | Soluble | Solid | DI Leach | |
| 880-34568-46 | FL 46 | Soluble | Solid | DI Leach | |
| 880-34568-47 | FL 47 | Soluble | Solid | DI Leach | |
| 880-34568-48 | FL 48 | Soluble | Solid | DI Leach | |
| 880-34568-49 | FL 49 | Soluble | Solid | DI Leach | |
| 880-34568-50 | FL 50 | Soluble | Solid | DI Leach | |
| 880-34568-51 | FL 51 | Soluble | Solid | DI Leach | |
| MB 880-64953/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64953/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64953/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34568-35 MS | FL 35 | Soluble | Solid | DI Leach | |
| 880-34568-35 MSD | FL 35 | Soluble | Solid | DI Leach | |
| 880-34568-45 MS | FL 45 | Soluble | Solid | DI Leach | |
| 880-34568-45 MSD | FL 45 | Soluble | Solid | DI Leach | |

### Leach Batch: 64954

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-55 | FL 55 | Soluble | Solid | DI Leach | |
| 880-34568-56 | FL 56 | Soluble | Solid | DI Leach | |
| 880-34568-57 | FL 57 | Soluble | Solid | DI Leach | |
| 880-34568-58 | FL 58 | Soluble | Solid | DI Leach | |
| 880-34568-59 | FL 59 | Soluble | Solid | DI Leach | |
| 880-34568-60 | FL 60 | Soluble | Solid | DI Leach | |
| 880-34568-61 | FL 61 | Soluble | Solid | DI Leach | |
| 880-34568-62 | FL 62 | Soluble | Solid | DI Leach | |
| 880-34568-63 | FL 63 | Soluble | Solid | DI Leach | |
| 880-34568-64 | FL 64 | Soluble | Solid | DI Leach | |
| 880-34568-65 | FL 65 | Soluble | Solid | DI Leach | |
| 880-34568-66 | FL 66 | Soluble | Solid | DI Leach | |
| 880-34568-67 | FL 67 | Soluble | Solid | DI Leach | |
| 880-34568-68 | FL 68 | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## HPLC/IC (Continued)

### Leach Batch: 64954 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-70 | FL 70 | Soluble | Solid | DI Leach | |
| 880-34568-71 | FL 71 | Soluble | Solid | DI Leach | |
| 880-34568-72 | FL 72 | Soluble | Solid | DI Leach | |
| MB 880-64954/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64954/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64954/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34568-55 MS | FL 55 | Soluble | Solid | DI Leach | |
| 880-34568-55 MSD | FL 55 | Soluble | Solid | DI Leach | |
| 880-34568-65 MS | FL 65 | Soluble | Solid | DI Leach | |
| 880-34568-65 MSD | FL 65 | Soluble | Solid | DI Leach | |

### Leach Batch: 64955

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-73 | FL 73 | Soluble | Solid | DI Leach | |
| 880-34568-74 | FL 74 | Soluble | Solid | DI Leach | |
| 880-34568-75 | FL 75 | Soluble | Solid | DI Leach | |
| 880-34568-76 | FL 76 | Soluble | Solid | DI Leach | |
| 880-34568-77 | FL 77 | Soluble | Solid | DI Leach | |
| 880-34568-78 | FL 78 | Soluble | Solid | DI Leach | |
| 880-34568-79 | FL 79 | Soluble | Solid | DI Leach | |
| 880-34568-80 | FL 80 | Soluble | Solid | DI Leach | |
| 880-34568-81 | FL 81 | Soluble | Solid | DI Leach | |
| 880-34568-82 | FL 82 | Soluble | Solid | DI Leach | |
| 880-34568-83 | FL 83 | Soluble | Solid | DI Leach | |
| 880-34568-84 | FL 84 | Soluble | Solid | DI Leach | |
| 880-34568-85 | FL 85 | Soluble | Solid | DI Leach | |
| 880-34568-86 | FL 86 | Soluble | Solid | DI Leach | |
| 880-34568-87 | FL 87 | Soluble | Solid | DI Leach | |
| 880-34568-88 | FL 88 | Soluble | Solid | DI Leach | |
| 880-34568-89 | FL 89 | Soluble | Solid | DI Leach | |
| 880-34568-90 | FL 90 | Soluble | Solid | DI Leach | |
| 880-34568-91 | FL 91 | Soluble | Solid | DI Leach | |
| 880-34568-92 | FL 92 | Soluble | Solid | DI Leach | |
| MB 880-64955/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64955/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64955/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34568-73 MS | FL 73 | Soluble | Solid | DI Leach | |
| 880-34568-73 MSD | FL 73 | Soluble | Solid | DI Leach | |
| 880-34568-83 MS | FL 83 | Soluble | Solid | DI Leach | |
| 880-34568-83 MSD | FL 83 | Soluble | Solid | DI Leach | |

### Leach Batch: 64956

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-93 | FL 93 | Soluble | Solid | DI Leach | |
| 880-34568-94 | FL 94 | Soluble | Solid | DI Leach | |
| 880-34568-95 | FL 95 | Soluble | Solid | DI Leach | |
| 880-34568-96 | FL 96 | Soluble | Solid | DI Leach | |
| 880-34568-97 | FL 97 | Soluble | Solid | DI Leach | |
| 880-34568-98 | FL 98 | Soluble | Solid | DI Leach | |
| 880-34568-99 | FL 99 | Soluble | Solid | DI Leach | |
| 880-34568-100 | FL 100 | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## HPLC/IC (Continued)

### Leach Batch: 64956 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-101 | FL 101 | Soluble | Solid | DI Leach | |
| 880-34568-102 | FL 102 | Soluble | Solid | DI Leach | |
| 880-34568-103 | FL 103 | Soluble | Solid | DI Leach | |
| 880-34568-109 | FL 109 | Soluble | Solid | DI Leach | |
| 880-34568-110 | FL 110 | Soluble | Solid | DI Leach | |
| 880-34568-111 | FL 111 | Soluble | Solid | DI Leach | |
| 880-34568-112 | FL 112 | Soluble | Solid | DI Leach | |
| MB 880-64956/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64956/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64956/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34568-93 MS | FL 93 | Soluble | Solid | DI Leach | |
| 880-34568-93 MSD | FL 93 | Soluble | Solid | DI Leach | |
| 880-34568-103 MS | FL 103 | Soluble | Solid | DI Leach | |
| 880-34568-103 MSD | FL 103 | Soluble | Solid | DI Leach | |

### Leach Batch: 64957

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-113 | FL 113 | Soluble | Solid | DI Leach | |
| 880-34568-114 | FL 114 | Soluble | Solid | DI Leach | |
| 880-34568-115 | FL 115 | Soluble | Solid | DI Leach | |
| 880-34568-116 | FL 116 | Soluble | Solid | DI Leach | |
| 880-34568-117 | FL 117 | Soluble | Solid | DI Leach | |
| 880-34568-118 | FL 118 | Soluble | Solid | DI Leach | |
| 880-34568-119 | FL 119 | Soluble | Solid | DI Leach | |
| 880-34568-120 | FL 120 | Soluble | Solid | DI Leach | |
| 880-34568-121 | FL 121 | Soluble | Solid | DI Leach | |
| 880-34568-122 | FL 122 | Soluble | Solid | DI Leach | |
| 880-34568-123 | FL 123 | Soluble | Solid | DI Leach | |
| 880-34568-124 | FL 124 | Soluble | Solid | DI Leach | |
| 880-34568-125 | FL 125 | Soluble | Solid | DI Leach | |
| MB 880-64957/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-64957/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-64957/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34568-113 MS | FL 113 | Soluble | Solid | DI Leach | |
| 880-34568-113 MSD | FL 113 | Soluble | Solid | DI Leach | |
| 880-34568-123 MS | FL 123 | Soluble | Solid | DI Leach | |
| 880-34568-123 MSD | FL 123 | Soluble | Solid | DI Leach | |

### Leach Batch: 65081

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-16 | FL 16 | Soluble | Solid | DI Leach | |
| 880-34568-17 | FL 17 | Soluble | Solid | DI Leach | |
| 880-34568-18 | FL 18 | Soluble | Solid | DI Leach | |
| 880-34568-19 | FL 19 | Soluble | Solid | DI Leach | |
| 880-34568-20 | FL 20 | Soluble | Solid | DI Leach | |
| 880-34568-21 | FL 21 | Soluble | Solid | DI Leach | |
| 880-34568-22 | FL 22 | Soluble | Solid | DI Leach | |
| 880-34568-23 | FL 23 | Soluble | Solid | DI Leach | |
| 880-34568-24 | FL 24 | Soluble | Solid | DI Leach | |
| 880-34568-25 | FL 25 | Soluble | Solid | DI Leach | |
| 880-34568-27 | FL 27 | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## HPLC/IC (Continued)

### Leach Batch: 65081 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-29 | FL 29 | Soluble | Solid | DI Leach | |
| 880-34568-31 | FL 31 | Soluble | Solid | DI Leach | |
| MB 880-65081/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-65081/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-65081/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34568-16 MS | FL 16 | Soluble | Solid | DI Leach | |
| 880-34568-16 MSD | FL 16 | Soluble | Solid | DI Leach | |
| 880-34568-27 MS | FL 27 | Soluble | Solid | DI Leach | |
| 880-34568-27 MSD | FL 27 | Soluble | Solid | DI Leach | |

### Analysis Batch: 65178

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-35 | FL 35 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-36 | FL 36 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-37 | FL 37 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-38 | FL 38 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-39 | FL 39 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-40 | FL 40 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-41 | FL 41 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-42 | FL 42 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-43 | FL 43 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-44 | FL 44 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-45 | FL 45 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-46 | FL 46 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-47 | FL 47 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-48 | FL 48 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-49 | FL 49 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-50 | FL 50 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-51 | FL 51 | Soluble | Solid | 300.0 | 64953 |
| MB 880-64953/1-A | Method Blank | Soluble | Solid | 300.0 | 64953 |
| LCS 880-64953/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64953 |
| LCSD 880-64953/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64953 |
| 880-34568-35 MS | FL 35 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-35 MSD | FL 35 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-45 MS | FL 45 | Soluble | Solid | 300.0 | 64953 |
| 880-34568-45 MSD | FL 45 | Soluble | Solid | 300.0 | 64953 |

### Analysis Batch: 65186

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-55 | FL 55 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-56 | FL 56 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-57 | FL 57 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-58 | FL 58 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-59 | FL 59 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-60 | FL 60 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-61 | FL 61 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-62 | FL 62 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-63 | FL 63 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-64 | FL 64 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-65 | FL 65 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-66 | FL 66 | Soluble | Solid | 300.0 | 64954 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## HPLC/IC (Continued)

### Analysis Batch: 65186 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-67 | FL 67 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-68 | FL 68 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-70 | FL 70 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-71 | FL 71 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-72 | FL 72 | Soluble | Solid | 300.0 | 64954 |
| MB 880-64954/1-A | Method Blank | Soluble | Solid | 300.0 | 64954 |
| LCS 880-64954/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64954 |
| LCSD 880-64954/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64954 |
| 880-34568-55 MS | FL 55 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-55 MSD | FL 55 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-65 MS | FL 65 | Soluble | Solid | 300.0 | 64954 |
| 880-34568-65 MSD | FL 65 | Soluble | Solid | 300.0 | 64954 |

### Analysis Batch: 65188

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-73 | FL 73 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-74 | FL 74 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-75 | FL 75 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-76 | FL 76 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-77 | FL 77 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-78 | FL 78 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-79 | FL 79 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-80 | FL 80 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-81 | FL 81 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-82 | FL 82 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-83 | FL 83 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-84 | FL 84 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-85 | FL 85 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-86 | FL 86 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-87 | FL 87 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-88 | FL 88 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-89 | FL 89 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-90 | FL 90 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-91 | FL 91 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-92 | FL 92 | Soluble | Solid | 300.0 | 64955 |
| MB 880-64955/1-A | Method Blank | Soluble | Solid | 300.0 | 64955 |
| LCS 880-64955/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64955 |
| LCSD 880-64955/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64955 |
| 880-34568-73 MS | FL 73 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-73 MSD | FL 73 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-83 MS | FL 83 | Soluble | Solid | 300.0 | 64955 |
| 880-34568-83 MSD | FL 83 | Soluble | Solid | 300.0 | 64955 |

### Analysis Batch: 65191

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-1 | FL 1 | Soluble | Solid | 300.0 | 64951 |
| 880-34568-2 | FL 2 | Soluble | Solid | 300.0 | 64951 |
| 880-34568-3 | FL 3 | Soluble | Solid | 300.0 | 64951 |
| 880-34568-4 | FL 4 | Soluble | Solid | 300.0 | 64951 |
| 880-34568-5 | FL 5 | Soluble | Solid | 300.0 | 64951 |
| 880-34568-6 | FL 6 | Soluble | Solid | 300.0 | 64951 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## HPLC/IC (Continued)

### Analysis Batch: 65191 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-7 | FL 7 | Soluble | Solid | 300.0 | 64951 |
| 880-34568-8 | FL 8 | Soluble | Solid | 300.0 | 64951 |
| 880-34568-9 | FL 9 | Soluble | Solid | 300.0 | 64951 |
| 880-34568-10 | FL 10 | Soluble | Solid | 300.0 | 64951 |
| 880-34568-11 | FL 11 | Soluble | Solid | 300.0 | 64951 |
| 880-34568-12 | FL 12 | Soluble | Solid | 300.0 | 64951 |
| MB 880-64951/1-A | Method Blank | Soluble | Solid | 300.0 | 64951 |
| LCS 880-64951/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64951 |
| LCSD 880-64951/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64951 |
| 880-34568-3 MS | FL 3 | Soluble | Solid | 300.0 | 64951 |
| 880-34568-3 MSD | FL 3 | Soluble | Solid | 300.0 | 64951 |

### Analysis Batch: 65195

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-93 | FL 93 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-94 | FL 94 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-95 | FL 95 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-96 | FL 96 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-97 | FL 97 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-98 | FL 98 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-99 | FL 99 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-100 | FL 100 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-101 | FL 101 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-102 | FL 102 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-103 | FL 103 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-109 | FL 109 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-110 | FL 110 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-111 | FL 111 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-112 | FL 112 | Soluble | Solid | 300.0 | 64956 |
| MB 880-64956/1-A | Method Blank | Soluble | Solid | 300.0 | 64956 |
| LCS 880-64956/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64956 |
| LCSD 880-64956/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64956 |
| 880-34568-93 MS | FL 93 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-93 MSD | FL 93 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-103 MS | FL 103 | Soluble | Solid | 300.0 | 64956 |
| 880-34568-103 MSD | FL 103 | Soluble | Solid | 300.0 | 64956 |

### Analysis Batch: 65261

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-16 | FL 16 | Soluble | Solid | 300.0 | 65081 |
| 880-34568-17 | FL 17 | Soluble | Solid | 300.0 | 65081 |
| 880-34568-18 | FL 18 | Soluble | Solid | 300.0 | 65081 |
| 880-34568-19 | FL 19 | Soluble | Solid | 300.0 | 65081 |
| 880-34568-20 | FL 20 | Soluble | Solid | 300.0 | 65081 |
| 880-34568-21 | FL 21 | Soluble | Solid | 300.0 | 65081 |
| 880-34568-22 | FL 22 | Soluble | Solid | 300.0 | 65081 |
| 880-34568-23 | FL 23 | Soluble | Solid | 300.0 | 65081 |
| 880-34568-24 | FL 24 | Soluble | Solid | 300.0 | 65081 |
| 880-34568-25 | FL 25 | Soluble | Solid | 300.0 | 65081 |
| 880-34568-27 | FL 27 | Soluble | Solid | 300.0 | 65081 |
| 880-34568-29 | FL 29 | Soluble | Solid | 300.0 | 65081 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## HPLC/IC (Continued)

### Analysis Batch: 65261 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-31 | FL 31 | Soluble | Solid | 300.0 | 65081 |
| MB 880-65081/1-A | Method Blank | Soluble | Solid | 300.0 | 65081 |
| LCS 880-65081/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 65081 |
| LCSD 880-65081/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 65081 |
| 880-34568-16 MS | FL 16 | Soluble | Solid | 300.0 | 65081 |
| 880-34568-16 MSD | FL 16 | Soluble | Solid | 300.0 | 65081 |
| 880-34568-27 MS | FL 27 | Soluble | Solid | 300.0 | 65081 |
| 880-34568-27 MSD | FL 27 | Soluble | Solid | 300.0 | 65081 |

### Analysis Batch: 65358

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34568-113 | FL 113 | Soluble | Solid | 300.0 | 64957 |
| 880-34568-114 | FL 114 | Soluble | Solid | 300.0 | 64957 |
| 880-34568-115 | FL 115 | Soluble | Solid | 300.0 | 64957 |
| 880-34568-116 | FL 116 | Soluble | Solid | 300.0 | 64957 |
| 880-34568-117 | FL 117 | Soluble | Solid | 300.0 | 64957 |
| 880-34568-118 | FL 118 | Soluble | Solid | 300.0 | 64957 |
| 880-34568-119 | FL 119 | Soluble | Solid | 300.0 | 64957 |
| 880-34568-120 | FL 120 | Soluble | Solid | 300.0 | 64957 |
| 880-34568-121 | FL 121 | Soluble | Solid | 300.0 | 64957 |
| 880-34568-122 | FL 122 | Soluble | Solid | 300.0 | 64957 |
| 880-34568-123 | FL 123 | Soluble | Solid | 300.0 | 64957 |
| 880-34568-124 | FL 124 | Soluble | Solid | 300.0 | 64957 |
| 880-34568-125 | FL 125 | Soluble | Solid | 300.0 | 64957 |
| MB 880-64957/1-A | Method Blank | Soluble | Solid | 300.0 | 64957 |
| LCS 880-64957/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 64957 |
| LCSD 880-64957/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 64957 |
| 880-34568-113 MS | FL 113 | Soluble | Solid | 300.0 | 64957 |
| 880-34568-113 MSD | FL 113 | Soluble | Solid | 300.0 | 64957 |
| 880-34568-123 MS | FL 123 | Soluble | Solid | 300.0 | 64957 |
| 880-34568-123 MSD | FL 123 | Soluble | Solid | 300.0 | 64957 |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 1

**Lab Sample ID: 880-34568-1**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/21/23 23:12 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/21/23 23:12 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 10:57 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.08 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 10:57 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 19:57 | CH | EET MID |

## Client Sample ID: FL 2

**Lab Sample ID: 880-34568-2**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/21/23 23:32 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/21/23 23:32 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 12:02 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 12:02 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 20:03 | CH | EET MID |

## Client Sample ID: FL 3

**Lab Sample ID: 880-34568-3**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/21/23 23:53 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/21/23 23:53 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 12:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 12:22 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 20:10 | CH | EET MID |

## Client Sample ID: FL 4

**Lab Sample ID: 880-34568-4**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 00:13 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 00:13 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 4

**Lab Sample ID: 880-34568-4**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 12:44 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 12:44 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 20:30 | CH | EET MID |

## Client Sample ID: FL 5

**Lab Sample ID: 880-34568-5**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 00:33 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 00:33 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 13:05 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 13:05 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 20:37 | CH | EET MID |

## Client Sample ID: FL 6

**Lab Sample ID: 880-34568-6**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 00:54 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 00:54 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 13:26 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 13:26 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 20:57 | CH | EET MID |

## Client Sample ID: FL 7

**Lab Sample ID: 880-34568-7**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 01:14 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 01:14 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 13:47 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 13:47 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 7

**Lab Sample ID: 880-34568-7**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 21:03 | CH | EET MID |

## Client Sample ID: FL 8

**Lab Sample ID: 880-34568-8**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 01:35 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 01:35 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 14:08 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 14:08 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 21:10 | CH | EET MID |

## Client Sample ID: FL 9

**Lab Sample ID: 880-34568-9**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 01:55 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 01:55 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 14:29 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 14:29 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 21:17 | CH | EET MID |

## Client Sample ID: FL 10

**Lab Sample ID: 880-34568-10**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 02:15 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 02:15 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 14:50 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 14:50 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 21:23 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 11

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-11**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 04:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 04:05 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 15:33 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 15:33 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 21:30 | CH | EET MID |

## Client Sample ID: FL 12

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-12**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.697 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 04:25 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 04:25 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 15:54 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 15:54 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64951 | 10/18/23 10:51 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65191 | 10/22/23 21:37 | CH | EET MID |

## Client Sample ID: FL 16

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-16**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 04:46 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 04:46 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 16:15 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 16:15 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 65081 | 10/19/23 15:26 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65261 | 10/21/23 04:06 | CH | EET MID |

## Client Sample ID: FL 17

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-17**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 05:06 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 05:06 | SM | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 17

**Lab Sample ID: 880-34568-17**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 16:36 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 16:36 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 65081 | 10/19/23 15:26 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65261 | 10/21/23 04:26 | CH | EET MID |

## Client Sample ID: FL 18

**Lab Sample ID: 880-34568-18**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 05:27 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 05:27 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 16:57 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 16:57 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 65081 | 10/19/23 15:26 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65261 | 10/21/23 04:33 | CH | EET MID |

## Client Sample ID: FL 19

**Lab Sample ID: 880-34568-19**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 05:47 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 05:47 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 17:19 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 17:19 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 65081 | 10/19/23 15:26 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65261 | 10/21/23 04:39 | CH | EET MID |

## Client Sample ID: FL 20

**Lab Sample ID: 880-34568-20**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 06:07 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 06:07 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 17:40 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 17:40 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 20

**Lab Sample ID: 880-34568-20**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 65081 | 10/19/23 15:26 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65261 | 10/21/23 04:46 | CH | EET MID |

## Client Sample ID: FL 21

**Lab Sample ID: 880-34568-21**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 06:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 06:28 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 18:01 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.08 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 18:01 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 65081 | 10/19/23 15:26 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65261 | 10/21/23 05:06 | CH | EET MID |

## Client Sample ID: FL 22

**Lab Sample ID: 880-34568-22**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 06:48 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 06:48 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 18:23 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 18:23 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 65081 | 10/19/23 15:26 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65261 | 10/21/23 05:13 | CH | EET MID |

## Client Sample ID: FL 23

**Lab Sample ID: 880-34568-23**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.00 g | 5 mL | 65118 | 10/19/23 17:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65274 | 10/22/23 07:09 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/22/23 07:09 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 18:45 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64975 | 10/18/23 12:24 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 18:45 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 65081 | 10/19/23 15:26 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65261 | 10/21/23 05:19 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 24

**Lab Sample ID: 880-34568-24**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 00:15 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 00:15 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 20:32 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 20:32 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 65081 | 10/19/23 15:26 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65261 | 10/21/23 05:26 | CH | EET MID |

## Client Sample ID: FL 25

**Lab Sample ID: 880-34568-25**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 00:36 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 00:36 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 21:36 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 21:36 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 65081 | 10/19/23 15:26 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65261 | 10/21/23 05:33 | CH | EET MID |

## Client Sample ID: FL 27

**Lab Sample ID: 880-34568-27**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 00:56 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 00:56 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 21:57 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 21:57 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 65081 | 10/19/23 15:26 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65261 | 10/21/23 05:39 | CH | EET MID |

## Client Sample ID: FL 29

**Lab Sample ID: 880-34568-29**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 01:17 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 01:17 | SM | EET MID |

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# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 29

**Lab Sample ID: 880-34568-29**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 22:18 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 22:18 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 65081 | 10/19/23 15:26 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65261 | 10/21/23 05:59 | CH | EET MID |

## Client Sample ID: FL 31

**Lab Sample ID: 880-34568-31**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 01:37 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 01:37 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 22:40 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 22:40 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 65081 | 10/19/23 15:26 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65261 | 10/21/23 06:06 | CH | EET MID |

## Client Sample ID: FL 35

**Lab Sample ID: 880-34568-35**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 01:57 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 01:57 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 23:01 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 23:01 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 20:38 | CH | EET MID |

## Client Sample ID: FL 36

**Lab Sample ID: 880-34568-36**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 02:18 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 02:18 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 23:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 23:22 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 36

**Lab Sample ID: 880-34568-36**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 20:58 | CH | EET MID |

## Client Sample ID: FL 37

**Lab Sample ID: 880-34568-37**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 02:38 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 02:38 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 23:43 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/21/23 23:43 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 21:05 | CH | EET MID |

## Client Sample ID: FL 38

**Lab Sample ID: 880-34568-38**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 02:59 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 02:59 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/22/23 00:04 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/22/23 00:04 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 21:11 | CH | EET MID |

## Client Sample ID: FL 39

**Lab Sample ID: 880-34568-39**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 03:19 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 03:19 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/22/23 00:25 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/22/23 00:25 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 21:18 | CH | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 40

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-40**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 05:09 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 05:09 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/22/23 01:08 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/22/23 01:08 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 21:38 | CH | EET MID |

## Client Sample ID: FL 41

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-41**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 05:29 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 05:29 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/22/23 01:29 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/22/23 01:29 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 21:45 | CH | EET MID |

## Client Sample ID: FL 42

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-42**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 05:50 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 05:50 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/22/23 01:50 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/22/23 01:50 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 21:51 | CH | EET MID |

## Client Sample ID: FL 43

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-43**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 06:10 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 06:10 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 43

**Lab Sample ID: 880-34568-43**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/22/23 02:10 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/22/23 02:10 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 21:58 | CH | EET MID |

## Client Sample ID: FL 44

**Lab Sample ID: 880-34568-44**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 06:31 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 06:31 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/22/23 02:31 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/22/23 02:31 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 22:05 | CH | EET MID |

## Client Sample ID: FL 45

**Lab Sample ID: 880-34568-45**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 06:51 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 06:51 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/22/23 02:53 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/22/23 02:53 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 22:11 | CH | EET MID |

## Client Sample ID: FL 46

**Lab Sample ID: 880-34568-46**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 07:11 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 07:11 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/22/23 03:14 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/22/23 03:14 | SM | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 46

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-46**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 22:31 | CH | EET MID |

## Client Sample ID: FL 47

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-47**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 07:32 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 07:32 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/22/23 03:36 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/22/23 03:36 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 22:38 | CH | EET MID |

## Client Sample ID: FL 48

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-48**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 07:52 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 07:52 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/22/23 03:57 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/22/23 03:57 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 22:58 | CH | EET MID |

## Client Sample ID: FL 49

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-49**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65121 | 10/19/23 17:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65322 | 10/24/23 08:13 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 08:13 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/22/23 04:18 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64979 | 10/18/23 12:29 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65266 | 10/22/23 04:18 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 23:04 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC Job ID: 880-34568-1
Project/Site: J3 Pit

## Client Sample ID: FL 50 Lab Sample ID: 880-34568-50

**Date Collected: 10/10/23 00:00** **Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 12:16 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 12:16 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 11:02 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 11:02 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 23:11 | CH | EET MID |

## Client Sample ID: FL 51 Lab Sample ID: 880-34568-51

**Date Collected: 10/10/23 00:00** **Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.00 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 12:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 12:42 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 12:09 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 12:09 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64953 | 10/18/23 10:59 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65178 | 10/20/23 23:18 | CH | EET MID |

## Client Sample ID: FL 55 Lab Sample ID: 880-34568-55

**Date Collected: 10/10/23 00:00** **Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 13:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 13:08 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 12:32 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 12:32 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 02:12 | CH | EET MID |

## Client Sample ID: FL 56 Lab Sample ID: 880-34568-56

**Date Collected: 10/10/23 00:00** **Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 13:34 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 13:34 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 56

**Lab Sample ID: 880-34568-56**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 12:54 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 12:54 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 02:29 | CH | EET MID |

## Client Sample ID: FL 57

**Lab Sample ID: 880-34568-57**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 14:00 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 14:00 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 13:16 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 13:16 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 02:35 | CH | EET MID |

## Client Sample ID: FL 58

**Lab Sample ID: 880-34568-58**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 14:26 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 14:26 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 13:38 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 13:38 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 02:41 | CH | EET MID |

## Client Sample ID: FL 59

**Lab Sample ID: 880-34568-59**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 14:52 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 14:52 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 14:00 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 14:00 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 59

**Lab Sample ID: 880-34568-59**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 02:46 | CH | EET MID |

## Client Sample ID: FL 60

**Lab Sample ID: 880-34568-60**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 15:18 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 15:18 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 14:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 14:22 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 03:03 | CH | EET MID |

## Client Sample ID: FL 61

**Lab Sample ID: 880-34568-61**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 15:44 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 15:44 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 14:43 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.08 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 14:43 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 03:09 | CH | EET MID |

## Client Sample ID: FL 62

**Lab Sample ID: 880-34568-62**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 16:10 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 16:10 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 15:06 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 15:06 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 03:14 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 63

**Lab Sample ID: 880-34568-63**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 17:55 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 15:50 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 15:50 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 03:20 | CH | EET MID |

## Client Sample ID: FL 64

**Lab Sample ID: 880-34568-64**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 18:20 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 18:20 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 16:12 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.08 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 16:12 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 03:26 | CH | EET MID |

## Client Sample ID: FL 65

**Lab Sample ID: 880-34568-65**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 18:46 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 18:46 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 16:33 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 16:33 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 03:31 | CH | EET MID |

## Client Sample ID: FL 66

**Lab Sample ID: 880-34568-66**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 19:11 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 19:11 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 66

**Lab Sample ID: 880-34568-66**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 16:56 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 16:56 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 03:48 | CH | EET MID |

## Client Sample ID: FL 67

**Lab Sample ID: 880-34568-67**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 19:37 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 19:37 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 17:18 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 17:18 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 03:54 | CH | EET MID |

## Client Sample ID: FL 68

**Lab Sample ID: 880-34568-68**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 20:02 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 20:02 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 17:40 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 17:40 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 04:11 | CH | EET MID |

## Client Sample ID: FL 70

**Lab Sample ID: 880-34568-70**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 20:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 20:28 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 18:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 18:22 | SM | EET MID |

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# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 70

**Lab Sample ID: 880-34568-70**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 04:22 | CH | EET MID |

## Client Sample ID: FL 71

**Lab Sample ID: 880-34568-71**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 20:53 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 20:53 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 18:44 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 18:44 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 04:28 | CH | EET MID |

## Client Sample ID: FL 72

**Lab Sample ID: 880-34568-72**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 21:18 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 21:18 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 19:05 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 64982 | 10/18/23 12:34 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65296 | 10/23/23 19:05 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64954 | 10/18/23 11:02 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65186 | 10/21/23 04:33 | CH | EET MID |

## Client Sample ID: FL 73

**Lab Sample ID: 880-34568-73**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65122 | 10/19/23 17:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65443 | 10/24/23 21:44 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 21:44 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 11:02 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 11:02 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 20:14 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 74

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-74**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65123 | 10/19/23 17:53 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65300 | 10/23/23 17:10 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/23/23 17:10 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 12:09 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 12:09 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 20:34 | CH | EET MID |

## Client Sample ID: FL 75

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-75**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65123 | 10/19/23 17:53 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65300 | 10/23/23 13:15 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/23/23 13:15 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 12:32 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 12:32 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 20:41 | CH | EET MID |

## Client Sample ID: FL 76

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-76**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65123 | 10/19/23 17:53 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65300 | 10/23/23 13:41 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/23/23 13:41 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 12:54 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 12:54 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 20:47 | CH | EET MID |

## Client Sample ID: FL 77

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-77**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65123 | 10/19/23 17:53 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65300 | 10/23/23 14:07 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/23/23 14:07 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 77

**Lab Sample ID: 880-34568-77**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 13:16 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 13:16 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 20:54 | CH | EET MID |

## Client Sample ID: FL 78

**Lab Sample ID: 880-34568-78**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65123 | 10/19/23 17:53 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65300 | 10/23/23 14:33 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/23/23 14:33 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 13:38 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 13:38 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 21:14 | CH | EET MID |

## Client Sample ID: FL 79

**Lab Sample ID: 880-34568-79**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 65123 | 10/19/23 17:53 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65300 | 10/23/23 14:59 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/23/23 14:59 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 14:00 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 14:00 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 21:21 | CH | EET MID |

## Client Sample ID: FL 80

**Lab Sample ID: 880-34568-80**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65123 | 10/19/23 17:53 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65300 | 10/23/23 15:26 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/23/23 15:26 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 14:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 14:22 | SM | EET MID |

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# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 80

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-80**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 21:27 | CH | EET MID |

## Client Sample ID: FL 81

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-81**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65123 | 10/19/23 17:53 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65300 | 10/23/23 15:52 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/23/23 15:52 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 14:43 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 14:43 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 21:34 | CH | EET MID |

## Client Sample ID: FL 82

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-82**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65123 | 10/19/23 17:53 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65300 | 10/23/23 16:18 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/23/23 16:18 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 15:06 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 15:06 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 21:40 | CH | EET MID |

## Client Sample ID: FL 83

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-83**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65123 | 10/19/23 17:53 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65300 | 10/23/23 16:44 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/23/23 16:44 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 15:50 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 15:50 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 21:47 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 84

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-84**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65370 | 10/23/23 14:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65442 | 10/24/23 11:49 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 11:49 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 16:12 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 16:12 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 22:07 | CH | EET MID |

## Client Sample ID: FL 85

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-85**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65370 | 10/23/23 14:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65442 | 10/24/23 12:10 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 12:10 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 16:33 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 16:33 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 22:14 | CH | EET MID |

## Client Sample ID: FL 86

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-86**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.95 g | 5 mL | 65370 | 10/23/23 14:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65442 | 10/24/23 12:30 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 12:30 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 16:56 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 16:56 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 22:34 | CH | EET MID |

## Client Sample ID: FL 87

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

**Lab Sample ID: 880-34568-87**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65370 | 10/23/23 14:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65442 | 10/24/23 12:51 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 12:51 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 87

**Lab Sample ID: 880-34568-87**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 17:18 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 17:18 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 22:40 | CH | EET MID |

## Client Sample ID: FL 88

**Lab Sample ID: 880-34568-88**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65370 | 10/23/23 14:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65442 | 10/24/23 13:12 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 13:12 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 17:40 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 17:40 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 22:47 | CH | EET MID |

## Client Sample ID: FL 89

**Lab Sample ID: 880-34568-89**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65370 | 10/23/23 14:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65442 | 10/24/23 13:32 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 13:32 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 18:01 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.08 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 18:01 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 22:53 | CH | EET MID |

## Client Sample ID: FL 90

**Lab Sample ID: 880-34568-90**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.96 g | 5 mL | 65370 | 10/23/23 14:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65442 | 10/24/23 13:53 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 13:53 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 18:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 18:22 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 90

**Lab Sample ID: 880-34568-90**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 23:00 | CH | EET MID |

## Client Sample ID: FL 91

**Lab Sample ID: 880-34568-91**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65370 | 10/23/23 14:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65442 | 10/24/23 17:40 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 17:40 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 18:44 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 18:44 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 23:07 | CH | EET MID |

## Client Sample ID: FL 92

**Lab Sample ID: 880-34568-92**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65370 | 10/23/23 14:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65442 | 10/24/23 18:00 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 18:00 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/23/23 19:05 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10 mL | 64983 | 10/18/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 19:05 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64955 | 10/18/23 11:05 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65188 | 10/20/23 23:13 | CH | EET MID |

## Client Sample ID: FL 93

**Lab Sample ID: 880-34568-93**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65370 | 10/23/23 14:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65442 | 10/24/23 18:21 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 18:21 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 10:57 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 10:57 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64956 | 10/18/23 11:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65195 | 10/23/23 12:30 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 94

**Lab Sample ID: 880-34568-94**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/23/23 22:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/23/23 22:39 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 12:02 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 12:02 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64956 | 10/18/23 11:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65195 | 10/23/23 12:47 | CH | EET MID |

## Client Sample ID: FL 95

**Lab Sample ID: 880-34568-95**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/23/23 22:59 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/23/23 22:59 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 12:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 12:22 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64956 | 10/18/23 11:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65195 | 10/23/23 12:53 | CH | EET MID |

## Client Sample ID: FL 96

**Lab Sample ID: 880-34568-96**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/23/23 23:20 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/23/23 23:20 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 12:44 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 12:44 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64956 | 10/18/23 11:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65195 | 10/23/23 12:58 | CH | EET MID |

## Client Sample ID: FL 97

**Lab Sample ID: 880-34568-97**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/23/23 23:40 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/23/23 23:40 | SM | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 97

**Lab Sample ID: 880-34568-97**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 13:05 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 13:05 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64956 | 10/18/23 11:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65195 | 10/23/23 13:04 | CH | EET MID |

## Client Sample ID: FL 98

**Lab Sample ID: 880-34568-98**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/24/23 00:01 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 00:01 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 13:26 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 13:26 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64956 | 10/18/23 11:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65195 | 10/23/23 13:21 | CH | EET MID |

## Client Sample ID: FL 99

**Lab Sample ID: 880-34568-99**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/24/23 00:21 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 00:21 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 13:47 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.10 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 13:47 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64956 | 10/18/23 11:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65195 | 10/23/23 13:26 | CH | EET MID |

## Client Sample ID: FL 100

**Lab Sample ID: 880-34568-100**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/24/23 00:41 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 00:41 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 14:08 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.10 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 14:08 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 100

**Lab Sample ID: 880-34568-100**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64956 | 10/18/23 11:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65195 | 10/23/23 13:32 | CH | EET MID |

## Client Sample ID: FL 101

**Lab Sample ID: 880-34568-101**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/24/23 01:02 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 01:02 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 14:29 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 14:29 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64956 | 10/18/23 11:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65195 | 10/23/23 13:38 | CH | EET MID |

## Client Sample ID: FL 102

**Lab Sample ID: 880-34568-102**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/24/23 01:22 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 01:22 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 14:50 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 14:50 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64956 | 10/18/23 11:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65195 | 10/23/23 13:43 | CH | EET MID |

## Client Sample ID: FL 103

**Lab Sample ID: 880-34568-103**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/24/23 01:43 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 01:43 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 15:33 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 15:33 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64956 | 10/18/23 11:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65195 | 10/23/23 13:49 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 109

**Lab Sample ID: 880-34568-109**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/24/23 03:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 03:05 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 15:54 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 15:54 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64956 | 10/18/23 11:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65195 | 10/23/23 14:06 | CH | EET MID |

## Client Sample ID: FL 110

**Lab Sample ID: 880-34568-110**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/24/23 03:25 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 03:25 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 16:15 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 16:15 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64956 | 10/18/23 11:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65195 | 10/23/23 14:11 | CH | EET MID |

## Client Sample ID: FL 111

**Lab Sample ID: 880-34568-111**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/24/23 03:46 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 03:46 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 16:36 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 16:36 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64956 | 10/18/23 11:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65195 | 10/23/23 14:28 | CH | EET MID |

## Client Sample ID: FL 112

**Lab Sample ID: 880-34568-112**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/24/23 04:06 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 04:06 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 112

**Lab Sample ID: 880-34568-112**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 16:57 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 16:57 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64956 | 10/18/23 11:08 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65195 | 10/23/23 14:34 | CH | EET MID |

## Client Sample ID: FL 113

**Lab Sample ID: 880-34568-113**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/24/23 04:26 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 04:26 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 17:19 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 17:19 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 64957 | 10/18/23 11:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65358 | 10/23/23 15:54 | CH | EET MID |

## Client Sample ID: FL 114

**Lab Sample ID: 880-34568-114**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/24/23 04:47 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 04:47 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 17:40 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.05 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 17:40 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64957 | 10/18/23 11:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65358 | 10/23/23 16:11 | CH | EET MID |

## Client Sample ID: FL 115

**Lab Sample ID: 880-34568-115**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/24/23 05:07 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 05:07 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 18:01 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 18:01 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 115

**Lab Sample ID: 880-34568-115**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 64957 | 10/18/23 11:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65358 | 10/23/23 16:17 | CH | EET MID |

## Client Sample ID: FL 116

**Lab Sample ID: 880-34568-116**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/24/23 05:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 05:28 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 18:23 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 18:23 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64957 | 10/18/23 11:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65358 | 10/23/23 16:22 | CH | EET MID |

## Client Sample ID: FL 117

**Lab Sample ID: 880-34568-117**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/24/23 05:48 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 05:48 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/21/23 18:45 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 64984 | 10/18/23 12:42 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65264 | 10/21/23 18:45 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 64957 | 10/18/23 11:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65358 | 10/23/23 16:28 | CH | EET MID |

## Client Sample ID: FL 118

**Lab Sample ID: 880-34568-118**
**Matrix: Solid**
**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65124 | 10/19/23 17:55 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65321 | 10/24/23 06:09 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 06:09 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/20/23 00:40 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 65061 | 10/19/23 14:03 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/20/23 00:40 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 64957 | 10/18/23 11:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65358 | 10/23/23 16:45 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 119

**Lab Sample ID: 880-34568-119**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 12:03 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 12:03 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/20/23 01:24 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 65061 | 10/19/23 14:03 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/20/23 01:24 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 64957 | 10/18/23 11:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65358 | 10/23/23 16:51 | CH | EET MID |

## Client Sample ID: FL 120

**Lab Sample ID: 880-34568-120**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 12:23 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 12:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/20/23 01:46 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 65061 | 10/19/23 14:03 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/20/23 01:46 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 64957 | 10/18/23 11:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65358 | 10/23/23 16:56 | CH | EET MID |

## Client Sample ID: FL 121

**Lab Sample ID: 880-34568-121**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 12:44 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 12:44 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/20/23 02:08 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 65061 | 10/19/23 14:03 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/20/23 02:08 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 64957 | 10/18/23 11:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65358 | 10/23/23 17:02 | CH | EET MID |

## Client Sample ID: FL 122

**Lab Sample ID: 880-34568-122**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 13:04 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 13:04 | SM | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 122

**Lab Sample ID: 880-34568-122**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/20/23 02:31 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 65061 | 10/19/23 14:03 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/20/23 02:31 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 64957 | 10/18/23 11:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65358 | 10/23/23 17:07 | CH | EET MID |

## Client Sample ID: FL 123

**Lab Sample ID: 880-34568-123**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 13:25 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 13:25 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/20/23 02:53 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10 mL | 65061 | 10/19/23 14:03 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/20/23 02:53 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 64957 | 10/18/23 11:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65358 | 10/23/23 17:13 | CH | EET MID |

## Client Sample ID: FL 124

**Lab Sample ID: 880-34568-124**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 13:45 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 13:45 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/20/23 03:14 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 65061 | 10/19/23 14:03 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/20/23 03:14 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64957 | 10/18/23 11:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65358 | 10/23/23 17:30 | CH | EET MID |

## Client Sample ID: FL 125

**Lab Sample ID: 880-34568-125**

**Date Collected: 10/10/23 00:00**
**Matrix: Solid**
**Date Received: 10/18/23 10:29**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65120 | 10/19/23 17:44 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65444 | 10/24/23 14:05 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65446 | 10/24/23 14:05 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65145 | 10/20/23 03:36 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 65061 | 10/19/23 14:03 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65020 | 10/20/23 03:36 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Client Sample ID: FL 125

**Date Collected: 10/10/23 00:00**
**Date Received: 10/18/23 10:29**

## Lab Sample ID: 880-34568-125

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 64957 | 10/18/23 11:11 | SA | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65358 | 10/23/23 17:36 | CH | EET MID |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

## Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Texas | NELAP | T104704400-23-26 | 06-30-24 |

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

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

# Method Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

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

**Protocol References:**

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

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

# Sample Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 880-34568-1 | FL 1 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-2 | FL 2 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-3 | FL 3 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-4 | FL 4 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-5 | FL 5 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-6 | FL 6 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-7 | FL 7 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-8 | FL 8 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-9 | FL 9 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-10 | FL 10 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-11 | FL 11 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-12 | FL 12 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-16 | FL 16 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-17 | FL 17 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-18 | FL 18 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-19 | FL 19 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-20 | FL 20 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-21 | FL 21 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-22 | FL 22 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-23 | FL 23 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-24 | FL 24 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-25 | FL 25 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-27 | FL 27 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-29 | FL 29 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-31 | FL 31 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-35 | FL 35 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-36 | FL 36 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-37 | FL 37 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-38 | FL 38 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-39 | FL 39 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-40 | FL 40 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-41 | FL 41 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-42 | FL 42 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-43 | FL 43 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-44 | FL 44 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-45 | FL 45 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-46 | FL 46 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-47 | FL 47 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-48 | FL 48 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-49 | FL 49 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-50 | FL 50 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-51 | FL 51 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-55 | FL 55 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-56 | FL 56 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-57 | FL 57 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-58 | FL 58 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-59 | FL 59 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-60 | FL 60 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-61 | FL 61 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-62 | FL 62 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-63 | FL 63 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-64 | FL 64 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-65 | FL 65 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-66 | FL 66 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |

# Sample Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34568-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 880-34568-67 | FL 67 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-68 | FL 68 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-70 | FL 70 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-71 | FL 71 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-72 | FL 72 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-73 | FL 73 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-74 | FL 74 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-75 | FL 75 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-76 | FL 76 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-77 | FL 77 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-78 | FL 78 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-79 | FL 79 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-80 | FL 80 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-81 | FL 81 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-82 | FL 82 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-83 | FL 83 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-84 | FL 84 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-85 | FL 85 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-86 | FL 86 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-87 | FL 87 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-88 | FL 88 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-89 | FL 89 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-90 | FL 90 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-91 | FL 91 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-92 | FL 92 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-93 | FL 93 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-94 | FL 94 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-95 | FL 95 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-96 | FL 96 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-97 | FL 97 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-98 | FL 98 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-99 | FL 99 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-100 | FL 100 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-101 | FL 101 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-102 | FL 102 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-103 | FL 103 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-109 | FL 109 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-110 | FL 110 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-111 | FL 111 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-112 | FL 112 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-113 | FL 113 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-114 | FL 114 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-115 | FL 115 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-116 | FL 116 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-117 | FL 117 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-118 | FL 118 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-119 | FL 119 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-120 | FL 120 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-121 | FL 121 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-122 | FL 122 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-123 | FL 123 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-124 | FL 124 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |
| 880-34568-125 | FL 125 | Solid | 10/10/23 00:00 | 10/18/23 10:29 |

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eurofins

# Chain of Custody

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

Wor

880-34568 Chain of Custody

10/25/2023

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to. (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City, State ZIP | Lovington, NM 88260 | City State ZIP | Carlsbad |
| Phone | 575 393-3386 | Email | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables. EDD ☐ ADaPT ☐ Other

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab if received by 4.30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes (No) | Wet Ice | (Yes) No | |
| Samples Received Intact: | (Yes) No | Thermometer ID | IR8 | |
| Cooler Custody Seals | Yes No (N/A) | Correction Factor | 0.2 | |
| Sample Custody Seals | Yes No (N/A) | Temperature Reading. | 1.3 | |
| Total Containers. | | Corrected Temperature | 1.5 | |

**ANALYSIS REQUEST**

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres Code | CHLORIDE | BTEX | TPH |
|---|---|---|---|---|---|---|---|---|---|---|
| FL1 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL2 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL3 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL4 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL5 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL6 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL7 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL8 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL9 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL10 | S | 10/10/23 | | | C | 1 | | X | X | X |

Parameters

**Preservative Codes**

None NO DI Water $H_2O$
Cool Cool MeOH Me
HCL HC $HNO_3$ HN
$H_2SO_4$ $H_2$ NaOH Na
$H_3PO_4$ HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$, $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

**Sample Comments**

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010. 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg. 1631 / 245.1 / 7470 / 7471

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

| Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | Eyra Trevino | 10-10 2340 | 2 Eyra Trevino | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | 10/10/23 1029 |

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Received by OCD: 6/13/2024 3:07:52 PM

Released to Imaging: 7/1/2024 1:26:15 PM

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# Chain of Custody

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

**Work Order No:** _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to: (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address: | 1502 E Greene St. |
| City, State ZIP | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone | 575 393-3386 Email | | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab if received by 4 30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No | |
| Samples Received Intact | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature: | | |

**ANALYSIS REQUEST**

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | Parameters: CHLORIDE | BTEX | TPH |
|---|---|---|---|---|---|---|---|---|---|---|
| FL11 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL12 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL13 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL14 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL15 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL16 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL17 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL18 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL19 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL20 | S | 10/10/23 | | | C | 1 | | X | X | X |

**Preservative Codes**

None. NO DI Water $H_2O$
Cool Cool MeOH Me
HCL HC $HNO_3$ HN
$H_2SO_4$ $H_2$ NaOH Na
$H_3PO_4$ HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

**Sample Comments**

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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

| | Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|---|
| 1 | | Eliza Cruz | 10 16 23 402 | | | |
| 2 | Eliza Cruz | | | | | |
| 3 | | | | 4 | | |
| 5 | | | | 6 | | |

Revised Date: 08/25/2020 Rev: 2020.2

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# Chain of Custody

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

Work Order No: _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to. (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name. | Select Energy Services LLC |
| Address | 4024 Plains Hwy | Address: | 1502 E Greene St |
| City, State ZIP | Lovington NM 88260 | City, State ZIP | Carlsbad |
| Phone | 575 393-3386 Email | tbricker@selectwater com and pm@hungry-horse com | |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables. EDD ☐ ADaPT ☐ Other

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date. | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4 30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No |
| Samples Received Intact | Yes No | Thermometer ID | |
| Cooler Custody Seals: | Yes No N/A | Correction Factor | |
| Sample Custody Seals. | Yes No N/A | Temperature Reading | |
| Total Containers | | Corrected Temperature | |

**Preservative Codes**

None NO DI Water $H_2O$
Cool Cool MeOH Me
HCL HC $HNO_3$. HN
$H_2SO_4$ $H_2$ NaOH. Na
$H_3PO_4$ HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$. $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid. SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | Parameters: CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL21 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL22 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL23 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL24 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL25 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL26 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL27 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL28 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL29 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL30 | S | 10/10/23 | | | C | 1 | | X | X | X | |

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

| Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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# Chain of Custody

Houston TX (281) 240-4200 Dallas, TX (214) 902-0300
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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

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| | | | |
|---|---|---|---|
| Project Manager: | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name: | Hungry Horse LLC | Company Name: | Select Energy Services, LLC |
| Address: | 4024 Plains Hwy | Address: | 1502 E Greene St. |
| City, State ZIP | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone: | 575 393-3386 Email: | tbricker@selectwater com and pm@hungry-horse com | |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number: | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab if received by 4:30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No | |
| Samples Received Intact: | Yes No | Thermometer ID: | | |
| Cooler Custody Seals: | Yes No N/A | Correction Factor: | | |
| Sample Custody Seals: | Yes No N/A | Temperature Reading | | |
| Total Containers: | | Corrected Temperature: | | |

ANALYSIS REQUEST

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH |
|---|---|---|---|---|---|---|---|---|---|---|
| FL31 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL32 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL33 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL34 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL35 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL36 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL37 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL38 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL39 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL40 | S | 10/10/23 | | | C | 1 | | X | X | X |

Parameters

**Preservative Codes**

None: NO DI Water: $H_2O$
Cool: Cool MeOH: Me
HCL: HC $HNO_3$: HN
$H_2SO_4$: $H_2$ NaOH: Na
$H_3PO_4$: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

**Sample Comments**

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | 10-14-23 | 10-14-23 402 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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# Chain of Custody

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Houston TX (281) 240-4200, Dallas, TX (214) 902-0300
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EL Paso TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad NM (575) 988-3199

Work Order No: _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City, State ZIP | Lovington NM 88260 | City, State ZIP | Carlsbad |
| Phone | 575 393-3386 | Email | tbricker@selectwater.com and pm@hungry-horse.com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab if received by 4:30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No | |
| Samples Received Intact | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2SO_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | Parameters: CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL41 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL42 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL43 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL44 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL45 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL46 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL47 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL48 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL49 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL50 | S | 10/10/23 | | | C | 1 | | X | X | X | |

Total 200.7 / 6010 200.8 / 6020. 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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| Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 10-16-23 4:00 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date: 08/25/2020 Rev: 2020.2

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# Chain of Custody

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Midland TX (432) 704-5440 San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name. | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address. | 1502 E Greene St. |
| City State ZIP | Lovington, NM 88260 | City State ZIP | Carlsbad |
| Phone: | 575 393-3386 | Email. | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date. | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4 30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice. | Yes No | |
| Samples Received Intact: | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers. | | Corrected Temperature | | |

**Preservative Codes**

None: NO DI Water $H_2O$
Cool Cool MeOH Me
HCL HC $HNO_3$ HN
$H_2SO_4$ $H_2$ NaOH Na
$H_3PO_4$ HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL51 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL52 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL53 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL54 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL55 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL56 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL57 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL58 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL59 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL60 | S | 10/10/23 | | | C | 1 | | X | X | X | |

ANALYSIS REQUEST — Parameters

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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| Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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# Chain of Custody

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El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: _____

NM xenco.com Page 1 of 1

| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to. (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name. | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address. | 1502 E Greene St. |
| City, State ZIP | Lovington, NM 88260 | City State ZIP | Carlsbad |
| Phone | 575 393-3386 | Email: | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

Program UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables. EDD ☐ ADaPT ☐ Other

| | | | |
|---|---|---|---|
| Project Name. | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name. | Jerry Heidelberg | TAT starts the day received by the lab if received by 4.30pm | |
| PO # | | | |

| SAMPLE RECEIPT | Temp Blank | Yes No | Wet Ice | Yes No |
|---|---|---|---|---|
| Samples Received Intact: | Yes No | Thermometer ID: | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals. | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**Preservative Codes**

None: NO — DI Water: $H_2O$
Cool: Cool — MeOH: Me
HCL: HC — $HNO_3$: HN
$H_2SO_4$: $H_2$ — NaOH: Na
$H_3PO_4$: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres Code | Parameters: CHLORIDE | BTEX | TPH |
|---|---|---|---|---|---|---|---|---|---|---|
| FL61 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL62 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL63 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL64 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL65 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL66 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL67 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL68 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL69 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL70 | S | 10/10/23 | | | C | 1 | | X | X | X |

**Sample Comments**

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010. 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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| | Relinquished by (Signature) | Received by (Signature) | Date/Time | | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|---|---|
| 1 | | | 10-18-24 02 | 2 | | | |
| 3 | | | | 4 | | | |
| 5 | | | | 6 | | | |

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# Chain of Custody

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City, State ZIP | Lovington NM 88260 | City, State ZIP | Carlsbad |
| Phone | 575 393-3386 | Email | tbricker@selectwater.com and pm@hungry-horse.com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name: | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4:30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice: | Yes No | |
| Samples Received Intact | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature: | | |

**Preservative Codes**

None: NO; DI Water: $H_2O$; Cool: Cool; MeOH: Me; HCL: HC; $HNO_3$: HN; $H_2SO_4$: $H_2$; NaOH: Na; $H_3PO_4$: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL71 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL72 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL73 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL74 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL75 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL76 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL77 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL78 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL79 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL80 | S | 10/10/23 | | | C | 1 | | X | X | X | |

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed — TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U — Hg: 1631 / 245.1 / 7470 / 7471

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Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: _____

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| | | | |
|---|---|---|---|
| Project Manager: | Bradley Wells | Bill to: (if different) | Timsan Bricker |
| Company Name: | Hungry Horse LLC | Company Name: | Select Energy Services, LLC |
| Address: | 4024 Plains Hwy | Address: | 1502 E Greene St |
| City, State ZIP | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone: | 575 393-3386 Email: | tbricker@selectwater.com and pm@hungry-horse.com | |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name: | J3 Pit | Turn Around | |
| Project Number: | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4 30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank. | Yes No | Wet Ice. | Yes No | |
| Samples Received Intact. | Yes No | Thermometer ID | | |
| Cooler Custody Seals. | Yes No N/A | Correction Factor: | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers. | | Corrected Temperature: | | |

**Preservative Codes**

None: NO DI Water: $H_2O$
Cool: Cool MeOH: Me
HCL: HC $HNO_3$: HN
$H_2SO_4$: $H_2$ NaOH: Na
$H_3PO_4$: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | ANALYSIS REQUEST: CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL81 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL82 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL83 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL84 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL85 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL86 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL87 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL88 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL89 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL90 | S | 10/10/23 | | | C | 1 | | X | X | X | |

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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| 5 | | | 6 | | |

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Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to. (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name: | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City, State ZIP | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone | 575 393-3386 | Email | tbricker@selectwater.com and pm@hungry-horse.com |

**Work Order Comments**

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables. EDD ☐ ADaPT ☐ Other:

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name: | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4 30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank: | Yes No | Wet Ice. | Yes No | |
| Samples Received Intact | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**Preservative Codes**

None: NO — DI Water: $H_2O$
Cool: Cool — MeOH: Me
HCL: HC — $HNO_3$: HN
$H_2SO_4$: $H_2$ — NaOH: Na
$H_3PO_4$: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL91 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL92 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL93 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL94 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL95 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL96 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL97 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL98 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL99 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL100 | S | 10/10/23 | | | C | 1 | | X | X | X | |

Parameters

Total 200.7 / 6010 200 8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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| 5 | | | 6 | | |

Revised Date: 08/25/2020 Rev: 2020.2

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to. (if different) | Timsan Bricker |
| Company Name: | Hungry Horse LLC | Company Name. | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City, State ZIP | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone | 575 393-3386 | Email: | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name: | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab if received by 4:30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank. | Yes No | Wet Ice. | Yes No | |
| Samples Received Intact. | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals. | Yes No N/A | Temperature Reading | | |
| Total Containers. | | Corrected Temperature: | | |

**ANALYSIS REQUEST**

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH |
|---|---|---|---|---|---|---|---|---|---|---|
| FL101 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL102 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL103 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL104 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL105 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL106 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL107 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL108 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL109 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL110 | S | 10/10/23 | | | C | 1 | | X | X | X |

**Preservative Codes**

None. NO DI Water. $H_2O$
Cool. Cool MeOH. Me
HCL. HC $HNO_3$. HN
$H_2SO_4$ $H_2$ NaOH Na
$H_3PO_4$ HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

**Sample Comments**

Total 200.7 / 6010 200.8 / 6020 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St. |
| City, State ZIP | Lovington NM 88260 | City, State ZIP | Carlsbad |
| Phone | 575 393-3386 | Email: | tbricker@selectwater.com and pm@hungry-horse.com |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab, if received by 4.30pm | |
| PO #: | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No | |
| Samples Received Intact | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**Preservative Codes**

None: NO DI Water: $H_2O$
Cool: Cool MeOH: Me
HCL: HC $HNO_3$: HN
$H_2SO_4$: $H_2$ NaOH: Na
$H_3PO_4$: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL111 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL112 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL113 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL114 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL115 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL116 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL117 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL118 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL119 | S | 10/10/23 | | | C | 1 | | X | X | X | |
| FL120 | S | 10/10/23 | | | C | 1 | | X | X | X | |

ANALYSIS REQUEST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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| 5 | | | 6 | | |

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Hobbs, NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: _____

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name. | Hungry Horse LLC | Company Name | Select Energy Services, LLC |
| Address | 4024 Plains Hwy | Address. | 1502 E Greene St. |
| City, State ZIP | Lovington, NM 88260 | City, State ZIP | Carlsbad |
| Phone | 575 393-3386 Email | tbricker@selectwater com and pm@hungry-horse com | |

**Work Order Comments**

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

| | | | |
|---|---|---|---|
| Project Name | J3 Plt | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name. | Jerry Heidelberg | TAT starts the day received by the lab if received by 4 30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank. | Yes No | Wet Ice: | Yes No | |
| Samples Received Intact: | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals. | Yes No N/A | Temperature Reading | | |
| Total Containers. | | Corrected Temperature | | |

**ANALYSIS REQUEST**

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | Parameters: CHLORIDE | BTEX | TPH |
|---|---|---|---|---|---|---|---|---|---|---|
| FL121 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL122 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL123 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL124 | S | 10/10/23 | | | C | 1 | | X | X | X |
| FL125 | S | 10/10/23 | | | C | 1 | | X | X | X |

**Preservative Codes**

None. NO — DI Water $H_2O$
Cool Cool — MeOH Me
HCL HC — $HNO_3$ HN
$H_2SO_4$ $H_2$ — NaOH Na
$H_3PO_4$ HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$. $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

**Sample Comments**

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

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# Login Sample Receipt Checklist

Client: Hungry Horse LLC Job Number: 880-34568-1

**Login Number: 34568** **List Source: Eurofins Midland**
**List Number: 1**
**Creator: Kramer, Jessica**

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

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Bradley Wells
Hungry Horse LLC
PO BOX 1058
Hobbs, New Mexico 88241

Generated 10/30/2023 12:29:08 PM

## JOB DESCRIPTION

J3 Pit

## JOB NUMBER

880-34728-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



Released to Imaging: 7/1/2024 1:26:15 PM

# Eurofins Midland

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization

Holly Taylor

Generated
10/30/2023 12:29:08 PM

Authorized for release by
Holly Taylor, Project Manager
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(806)794-1296

Client: Hungry Horse LLC
Project/Site: J3 Pit

Laboratory Job ID: 880-34728-1

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# Definitions/Glossary

Client: Hungry Horse LLC Job ID: 880-34728-1
Project/Site: J3 Pit

## Qualifiers

### GC VOA

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

### GC Semi VOA

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

### HPLC/IC

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

## Glossary

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

# Case Narrative

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Job ID: 880-34728-1

**Laboratory: Eurofins Midland**

**Narrative**

**Job Narrative**
**880-34728-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

**Receipt**
The samples were received on 10/20/2023 3:36 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.8°C

**Receipt Exceptions**
The following samples were received and analyzed from an unpreserved bulk soil jar: FL13 (880-34728-1), FL14 (880-34728-2), FL15 (880-34728-3), FL26 (880-34728-4), FL28 (880-34728-5), FL30 (880-34728-6), FL32 (880-34728-7), FL33 (880-34728-8), FL34 (880-34728-9), FL52 (880-34728-10), FL53 (880-34728-11), FL54 (880-34728-12), FL69 (880-34728-13), FL104 (880-34728-14), FL105 (880-34728-15), FL106 (880-34728-16), FL107 (880-34728-17), FL108 (880-34728-18), FL194 (880-34728-19), FL198 (880-34728-20), SW7 (880-34728-21), SW8 (880-34728-22), SW9 (880-34728-23), SW10 (880-34728-24), SW11 (880-34728-25), SW12 (880-34728-26), SW13 (880-34728-27) and SW14 (880-34728-28).

**GC VOA**
Method 8021B: Surrogate recovery for the following samples were outside control limits: SW7 (880-34728-21), SW8 (880-34728-22), SW9 (880-34728-23), SW10 (880-34728-24), SW11 (880-34728-25), SW12 (880-34728-26), SW13 (880-34728-27), SW14 (880-34728-28), (CCV 880-65566/33), (CCV 880-65566/51), (CCV 880-65566/64), (CCV 880-65566/82), (CCV 880-65566/95), (LCS 880-65497/1-A), (LCSD 880-65497/2-A), (MB 880-65496/5-A), (880-34703-A-41-G), (880-34703-A-41-E MS) and (880-34703-A-41-F MSD). Evidence of matrix interferences is not obvious.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-65566 recovered above the upper control limit for Benzene, Toluene, Ethylbenzene, m,p-Xylenes and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 880-65566/82) and (CCV 880-65566/95).

Method 8021B: Surrogate recovery for the following samples were outside control limits: FL13 (880-34728-1), FL14 (880-34728-2), FL15 (880-34728-3), FL26 (880-34728-4), FL28 (880-34728-5), FL30 (880-34728-6), FL32 (880-34728-7), FL33 (880-34728-8), FL34 (880-34728-9), FL52 (880-34728-10), FL53 (880-34728-11), FL54 (880-34728-12), FL69 (880-34728-13), FL104 (880-34728-14), FL105 (880-34728-15), FL106 (880-34728-16), FL107 (880-34728-17), FL108 (880-34728-18), FL194 (880-34728-19), FL198 (880-34728-20), (CCV 880-65679/2), (CCV 880-65679/20), (CCV 880-65679/33), (LCS 880-65490/1-A), (LCSD 880-65490/2-A), (MB 880-65490/5-A), (880-34728-A-1-E MS) and (880-34728-A-1-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-65679 recovered above the upper control limit for Toluene, o-Xylene and Xylenes, Total. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

**GC Semi VOA**
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-65363 and analytical batch 880-65298 was outside the upper control limits.

# Case Narrative

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Job ID: 880-34728-1 (Continued)

**Laboratory: Eurofins Midland (Continued)**

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW9 (880-34728-23). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The method blank for preparation batch 880-65363 and analytical batch 880-65298 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-65360 and analytical batch 880-65436 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FL14 (880-34728-2) and FL34 (880-34728-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-65436/31) and (CCV 880-65436/58). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FL53 (880-34728-11), FL69 (880-34728-13), FL104 (880-34728-14), FL105 (880-34728-15), FL106 (880-34728-16), FL107 (880-34728-17) and FL108 (880-34728-18). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

**HPLC/IC**

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

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL13

**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

**Lab Sample ID: 880-34728-1**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 12:21 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 12:21 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 12:21 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 12:21 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 12:21 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 12:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *281* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 12:21* | *1* |
| *1,4-Difluorobenzene (Surr)* | *77* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 12:21* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/27/23 12:21 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/24/23 20:23 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 20:23 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 20:23 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 20:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *114* | | *70 - 130* | *10/23/23 12:08* | *10/24/23 20:23* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *10/23/23 12:08* | *10/24/23 20:23* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **103** | | 4.99 | | mg/Kg | | | 10/26/23 10:45 | 1 |

## Client Sample ID: FL14

**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

**Lab Sample ID: 880-34728-2**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 12:47 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 12:47 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 12:47 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 12:47 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 12:47 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 12:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *288* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 12:47* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 12:47* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL14

**Lab Sample ID: 880-34728-2**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/27/23 12:47 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/24/23 21:26 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 21:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 21:26 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 21:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *145* | *S1+* | *70 - 130* | *10/23/23 12:08* | *10/24/23 21:26* | *1* |
| *o-Terphenyl (Surr)* | *130* | | *70 - 130* | *10/23/23 12:08* | *10/24/23 21:26* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **75.9** | | 5.03 | | mg/Kg | | | 10/26/23 10:51 | 1 |

## Client Sample ID: FL15

**Lab Sample ID: 880-34728-3**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 13:13 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 13:13 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 13:13 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 13:13 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 13:13 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 13:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *255* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 13:13* | *1* |
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 13:13* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/27/23 13:13 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/24/23 21:48 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 21:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 21:48 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL15

**Lab Sample ID: 880-34728-3**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 21:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *127* | | *70 - 130* | *10/23/23 12:08* | *10/24/23 21:48* | *1* |
| *o-Terphenyl (Surr)* | *115* | | *70 - 130* | *10/23/23 12:08* | *10/24/23 21:48* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **81.8** | | 5.00 | | mg/Kg | | | 10/26/23 10:57 | 1 |

## Client Sample ID: FL26

**Lab Sample ID: 880-34728-4**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 13:39 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 13:39 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 13:39 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 13:39 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 13:39 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 13:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *279* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 13:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *74* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 13:39* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/27/23 13:39 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/24/23 22:09 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 22:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 22:09 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 22:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *10/23/23 12:08* | *10/24/23 22:09* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *10/23/23 12:08* | *10/24/23 22:09* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **48.5** | | 5.01 | | mg/Kg | | | 10/26/23 11:14 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL28

**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

**Lab Sample ID: 880-34728-5**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:05 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:05 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:05 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:05 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:05 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *322* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 14:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *129* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 14:05* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/27/23 14:05 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/24/23 22:30 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 22:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 22:30 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 22:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *113* | | *70 - 130* | *10/23/23 12:08* | *10/24/23 22:30* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *10/23/23 12:08* | *10/24/23 22:30* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **47.6** | | 5.00 | | mg/Kg | | | 10/26/23 12:06 | 1 |

## Client Sample ID: FL30

**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

**Lab Sample ID: 880-34728-6**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:31 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:31 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:31 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:31 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:31 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *286* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 14:31* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 14:31* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL30

**Lab Sample ID: 880-34728-6**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/27/23 14:31 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/24/23 22:51 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 22:51 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 22:51 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 22:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *119* | | *70 - 130* | *10/23/23 12:08* | *10/24/23 22:51* | *1* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* | *10/23/23 12:08* | *10/24/23 22:51* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **46.5** | | 5.04 | | mg/Kg | | | 10/26/23 12:11 | 1 |

## Client Sample ID: FL32

**Lab Sample ID: 880-34728-7**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:57 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:57 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:57 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:57 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:57 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 14:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *286* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 14:57* | *1* |
| *1,4-Difluorobenzene (Surr)* | *118* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 14:57* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/27/23 14:57 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **78.8** | | 50.4 | | mg/Kg | | | 10/24/23 23:12 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 23:12 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **78.8** | | 50.4 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 23:12 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL32

**Lab Sample ID: 880-34728-7**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 23:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *119* | | *70 - 130* | *10/23/23 12:08* | *10/24/23 23:12* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *10/23/23 12:08* | *10/24/23 23:12* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **40.7** | | 5.03 | | mg/Kg | | | 10/26/23 12:17 | 1 |

## Client Sample ID: FL33

**Lab Sample ID: 880-34728-8**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 15:22 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 15:22 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 15:22 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 15:22 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 15:22 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 15:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *320* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 15:22* | *1* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 15:22* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/27/23 15:22 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/24/23 23:33 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 23:33 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 23:33 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 23:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *118* | | *70 - 130* | *10/23/23 12:08* | *10/24/23 23:33* | *1* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* | *10/23/23 12:08* | *10/24/23 23:33* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **45.3** | | 4.98 | | mg/Kg | | | 10/26/23 12:23 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL34

**Lab Sample ID: 880-34728-9**

**Date Collected: 10/20/23 00:00**
**Matrix: Solid**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 15:49 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 15:49 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 15:49 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 15:49 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 15:49 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 15:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *382* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 15:49* | *1* |
| *1,4-Difluorobenzene (Surr)* | *77* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 15:49* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/27/23 15:49 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/24/23 23:54 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 23:54 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 23:54 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 23:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *139* | *S1+* | *70 - 130* | *10/23/23 12:08* | *10/24/23 23:54* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *10/23/23 12:08* | *10/24/23 23:54* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **50.2** | | 4.98 | | mg/Kg | | | 10/26/23 12:28 | 1 |

## Client Sample ID: FL52

**Lab Sample ID: 880-34728-10**

**Date Collected: 10/20/23 00:00**
**Matrix: Solid**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 16:14 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 16:14 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 16:14 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 16:14 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 16:14 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 16:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *312* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 16:14* | *1* |
| *1,4-Difluorobenzene (Surr)* | *74* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 16:14* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL52

**Lab Sample ID: 880-34728-10**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/27/23 16:14 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 10/25/23 00:15 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 00:15 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 00:15 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 00:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *10/23/23 12:08* | *10/25/23 00:15* | *1* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* | *10/23/23 12:08* | *10/25/23 00:15* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **48.7** | | 5.01 | | mg/Kg | | | 10/26/23 12:45 | 1 |

## Client Sample ID: FL53

**Lab Sample ID: 880-34728-11**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 17:58 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 17:58 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 17:58 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 17:58 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 17:58 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 17:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *234* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 17:58* | *1* |
| *1,4-Difluorobenzene (Surr)* | *77* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 17:58* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/27/23 17:58 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/25/23 00:58 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 00:58 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 00:58 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL53

**Lab Sample ID: 880-34728-11**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 00:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *133* | *S1+* | *70 - 130* | *10/23/23 12:08* | *10/25/23 00:58* | *1* |
| *o-Terphenyl (Surr)* | *121* | | *70 - 130* | *10/23/23 12:08* | *10/25/23 00:58* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **55.2** | | 4.97 | | mg/Kg | | | 10/26/23 12:51 | 1 |

## Client Sample ID: FL54

**Lab Sample ID: 880-34728-12**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 18:23 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 18:23 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 18:23 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 18:23 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 18:23 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 18:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *378* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 18:23* | *1* |
| *1,4-Difluorobenzene (Surr)* | *124* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 18:23* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/27/23 18:23 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/25/23 01:19 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 01:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 01:19 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 01:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *10/23/23 12:08* | *10/25/23 01:19* | *1* |
| *o-Terphenyl (Surr)* | *92* | | *70 - 130* | *10/23/23 12:08* | *10/25/23 01:19* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **43.1** | | 4.97 | | mg/Kg | | | 10/26/23 13:08 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL69

**Lab Sample ID: 880-34728-13**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 18:49 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 18:49 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 18:49 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 18:49 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 18:49 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 18:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *347* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 18:49* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 18:49* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/27/23 18:49 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/25/23 01:40 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 01:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 01:40 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 01:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *138* | *S1+* | *70 - 130* | *10/23/23 12:08* | *10/25/23 01:40* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *10/23/23 12:08* | *10/25/23 01:40* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **63.9** | | 5.02 | | mg/Kg | | | 10/26/23 13:14 | 1 |

## Client Sample ID: FL104

**Lab Sample ID: 880-34728-14**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 19:14 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 19:14 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 19:14 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 19:14 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 19:14 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 19:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *266* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 19:14* | *1* |
| *1,4-Difluorobenzene (Surr)* | *83* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 19:14* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL104

**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

**Lab Sample ID: 880-34728-14**
**Matrix: Solid**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/27/23 19:14 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 10/25/23 02:01 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 02:01 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 02:01 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 02:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *136* | *S1+* | *70 - 130* | *10/23/23 12:08* | *10/25/23 02:01* | *1* |
| *o-Terphenyl (Surr)* | *123* | | *70 - 130* | *10/23/23 12:08* | *10/25/23 02:01* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **40.8** | | 5.02 | | mg/Kg | | | 10/26/23 13:19 | 1 |

## Client Sample ID: FL105

**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

**Lab Sample ID: 880-34728-15**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 19:39 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 19:39 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 19:39 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 19:39 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 19:39 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 19:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *243* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 19:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 19:39* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/27/23 19:39 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/25/23 02:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 02:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 02:22 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL105

**Lab Sample ID: 880-34728-15**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 02:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *139* | *S1+* | *70 - 130* | *10/23/23 12:08* | *10/25/23 02:22* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *10/23/23 12:08* | *10/25/23 02:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **66.1** | | 5.04 | | mg/Kg | | | 10/26/23 13:25 | 1 |

## Client Sample ID: FL106

**Lab Sample ID: 880-34728-16**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:05 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:05 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:05 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:05 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:05 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *303* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 20:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *78* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 20:05* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/27/23 20:05 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/25/23 02:43 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 02:43 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 02:43 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 02:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *137* | *S1+* | *70 - 130* | *10/23/23 12:08* | *10/25/23 02:43* | *1* |
| *o-Terphenyl (Surr)* | *124* | | *70 - 130* | *10/23/23 12:08* | *10/25/23 02:43* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **47.2** | | 5.00 | | mg/Kg | | | 10/26/23 13:30 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL107

**Lab Sample ID: 880-34728-17**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:30 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:30 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:30 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:30 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:30 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *322* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 20:30* | *1* |
| *1,4-Difluorobenzene (Surr)* | *79* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 20:30* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/27/23 20:30 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 10/25/23 03:04 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 03:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 03:04 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 03:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *144* | *S1+* | *70 - 130* | *10/23/23 12:08* | *10/25/23 03:04* | *1* |
| *o-Terphenyl (Surr)* | *131* | *S1+* | *70 - 130* | *10/23/23 12:08* | *10/25/23 03:04* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **55.1** | | 5.02 | | mg/Kg | | | 10/26/23 13:36 | 1 |

## Client Sample ID: FL108

**Lab Sample ID: 880-34728-18**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:56 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:56 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:56 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:56 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:56 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 20:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *241* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 20:56* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 20:56* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL108

**Lab Sample ID: 880-34728-18**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/27/23 20:56 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/25/23 03:25 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 03:25 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 03:25 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 03:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *138* | *S1+* | *70 - 130* | *10/23/23 12:08* | *10/25/23 03:25* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *10/23/23 12:08* | *10/25/23 03:25* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **39.6** | | 5.03 | | mg/Kg | | | 10/26/23 13:42 | 1 |

## Client Sample ID: FL194

**Lab Sample ID: 880-34728-19**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 21:21 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 21:21 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 21:21 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 21:21 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 21:21 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 21:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *305* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 21:21* | *1* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 21:21* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/27/23 21:21 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/25/23 03:46 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 03:46 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 03:46 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL194

**Lab Sample ID: 880-34728-19**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 03:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *10/23/23 12:08* | *10/25/23 03:46* | *1* |
| *o-Terphenyl (Surr)* | *114* | | *70 - 130* | *10/23/23 12:08* | *10/25/23 03:46* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **131** | | 5.00 | | mg/Kg | | | 10/25/23 17:03 | 1 |

## Client Sample ID: FL198

**Lab Sample ID: 880-34728-20**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 21:47 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 21:47 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 21:47 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 21:47 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 21:47 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 21:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *287* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 21:47* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 21:47* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/27/23 21:47 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/25/23 04:07 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 04:07 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 04:07 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/23/23 12:08 | 10/25/23 04:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* | *10/23/23 12:08* | *10/25/23 04:07* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *10/23/23 12:08* | *10/25/23 04:07* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **125** | | 4.97 | | mg/Kg | | | 10/25/23 17:09 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: SW7

**Lab Sample ID: 880-34728-21**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 16:42 | 10/26/23 22:12 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 16:42 | 10/26/23 22:12 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 16:42 | 10/26/23 22:12 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/24/23 16:42 | 10/26/23 22:12 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 16:42 | 10/26/23 22:12 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/24/23 16:42 | 10/26/23 22:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *212* | *S1+* | *70 - 130* | *10/24/23 16:42* | *10/26/23 22:12* | *1* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *10/24/23 16:42* | *10/26/23 22:12* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/26/23 22:12 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **49.7** | | 49.5 | | mg/Kg | | | 10/23/23 21:55 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.5 | U | 49.5 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 21:55 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **49.7** | | 49.5 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 21:55 | 1 |
| OII Range Organics (Over C28-C36) | <49.5 | U | 49.5 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 21:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *117* | | *70 - 130* | *10/23/23 12:15* | *10/23/23 21:55* | *1* |
| *o-Terphenyl (Surr)* | *125* | | *70 - 130* | *10/23/23 12:15* | *10/23/23 21:55* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **59.5** | | 5.03 | | mg/Kg | | | 10/25/23 17:15 | 1 |

## Client Sample ID: SW8

**Lab Sample ID: 880-34728-22**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 16:42 | 10/26/23 22:38 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 16:42 | 10/26/23 22:38 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 16:42 | 10/26/23 22:38 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/24/23 16:42 | 10/26/23 22:38 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 16:42 | 10/26/23 22:38 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/24/23 16:42 | 10/26/23 22:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *220* | *S1+* | *70 - 130* | *10/24/23 16:42* | *10/26/23 22:38* | *1* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* | *10/24/23 16:42* | *10/26/23 22:38* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: SW8

**Lab Sample ID: 880-34728-22**
**Date Collected: 10/20/23 00:00**
**Matrix: Solid**
**Date Received: 10/20/23 15:36**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/26/23 22:38 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/23/23 22:17 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 22:17 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 22:17 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 22:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *107* | | *70 - 130* | *10/23/23 12:15* | *10/23/23 22:17* | *1* |
| *o-Terphenyl (Surr)* | *112* | | *70 - 130* | *10/23/23 12:15* | *10/23/23 22:17* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **48.6** | | 5.01 | | mg/Kg | | | 10/25/23 17:31 | 1 |

## Client Sample ID: SW9

**Lab Sample ID: 880-34728-23**
**Date Collected: 10/20/23 00:00**
**Matrix: Solid**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 00:23 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 00:23 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 00:23 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 00:23 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 00:23 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 00:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *185* | *S1+* | *70 - 130* | *10/24/23 16:42* | *10/27/23 00:23* | *1* |
| *1,4-Difluorobenzene (Surr)* | *89* | | *70 - 130* | *10/24/23 16:42* | *10/27/23 00:23* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 10/27/23 00:23 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 10/23/23 22:38 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 22:38 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 22:38 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: SW9

**Lab Sample ID: 880-34728-23**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 22:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *10/23/23 12:15* | *10/23/23 22:38* | *1* |
| *o-Terphenyl (Surr)* | *134* | *S1+* | *70 - 130* | *10/23/23 12:15* | *10/23/23 22:38* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **64.4** | | 4.98 | | mg/Kg | | | 10/25/23 17:37 | 1 |

## Client Sample ID: SW10

**Lab Sample ID: 880-34728-24**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 00:50 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 00:50 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 00:50 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 00:50 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 00:50 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 00:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *255* | *S1+* | *70 - 130* | *10/24/23 16:42* | *10/27/23 00:50* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *10/24/23 16:42* | *10/27/23 00:50* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/27/23 00:50 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 10/23/23 22:59 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 22:59 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 22:59 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 22:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *10/23/23 12:15* | *10/23/23 22:59* | *1* |
| *o-Terphenyl (Surr)* | *112* | | *70 - 130* | *10/23/23 12:15* | *10/23/23 22:59* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **59.8** | | 4.98 | | mg/Kg | | | 10/25/23 17:54 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: SW11

**Lab Sample ID: 880-34728-25**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 01:16 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 01:16 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 01:16 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 01:16 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 01:16 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 01:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *198* | *S1+* | *70 - 130* | *10/24/23 16:42* | *10/27/23 01:16* | *1* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* | *10/24/23 16:42* | *10/27/23 01:16* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 10/27/23 01:16 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 10/23/23 23:21 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 23:21 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 23:21 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 23:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *99* | | *70 - 130* | *10/23/23 12:15* | *10/23/23 23:21* | *1* |
| *o-Terphenyl (Surr)* | *105* | | *70 - 130* | *10/23/23 12:15* | *10/23/23 23:21* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **50.2** | | 5.02 | | mg/Kg | | | 10/25/23 18:00 | 1 |

## Client Sample ID: SW12

**Lab Sample ID: 880-34728-26**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 01:42 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 01:42 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 01:42 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 01:42 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 01:42 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 01:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *203* | *S1+* | *70 - 130* | *10/24/23 16:42* | *10/27/23 01:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *93* | | *70 - 130* | *10/24/23 16:42* | *10/27/23 01:42* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: SW12

**Lab Sample ID: 880-34728-26**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 10/27/23 01:42 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 10/23/23 23:42 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 23:42 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 23:42 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 23:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *124* | | *70 - 130* | *10/23/23 12:15* | *10/23/23 23:42* | *1* |
| *o-Terphenyl (Surr)* | *130* | | *70 - 130* | *10/23/23 12:15* | *10/23/23 23:42* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **46.3** | | 5.04 | | mg/Kg | | | 10/25/23 18:06 | 1 |

## Client Sample ID: SW13

**Lab Sample ID: 880-34728-27**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 02:09 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 02:09 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 02:09 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 02:09 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 02:09 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 02:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *225* | *S1+* | *70 - 130* | *10/24/23 16:42* | *10/27/23 02:09* | *1* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* | *10/24/23 16:42* | *10/27/23 02:09* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 10/27/23 02:09 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 10/24/23 00:03 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 10/23/23 12:15 | 10/24/23 00:03 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 10/23/23 12:15 | 10/24/23 00:03 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: SW13

**Lab Sample ID: 880-34728-27**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 10/23/23 12:15 | 10/24/23 00:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *100* | | *70 - 130* | *10/23/23 12:15* | *10/24/23 00:03* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *10/23/23 12:15* | *10/24/23 00:03* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **49.3** | | 4.99 | | mg/Kg | | | 10/25/23 18:11 | 1 |

## Client Sample ID: SW14

**Lab Sample ID: 880-34728-28**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 02:35 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 02:35 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 02:35 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 02:35 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 02:35 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 10/24/23 16:42 | 10/27/23 02:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *227* | *S1+* | *70 - 130* | *10/24/23 16:42* | *10/27/23 02:35* | *1* |
| *1,4-Difluorobenzene (Surr)* | *101* | | *70 - 130* | *10/24/23 16:42* | *10/27/23 02:35* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 10/27/23 02:35 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 10/24/23 00:25 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 10/23/23 12:15 | 10/24/23 00:25 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 10/23/23 12:15 | 10/24/23 00:25 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 10/23/23 12:15 | 10/24/23 00:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *92* | | *70 - 130* | *10/23/23 12:15* | *10/24/23 00:25* | *1* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* | *10/23/23 12:15* | *10/24/23 00:25* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **47.8** | | 5.00 | | mg/Kg | | | 10/25/23 18:17 | 1 |

# Surrogate Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | BFB1 | DFBZ1 |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) |
| 880-34728-1 | FL13 | 281 S1+ | 77 |
| 880-34728-1 MS | FL13 | 193 S1+ | 76 |
| 880-34728-1 MSD | FL13 | 194 S1+ | 86 |
| 880-34728-2 | FL14 | 288 S1+ | 97 |
| 880-34728-3 | FL15 | 255 S1+ | 86 |
| 880-34728-4 | FL26 | 279 S1+ | 74 |
| 880-34728-5 | FL28 | 322 S1+ | 129 |
| 880-34728-6 | FL30 | 286 S1+ | 102 |
| 880-34728-7 | FL32 | 286 S1+ | 118 |
| 880-34728-8 | FL33 | 320 S1+ | 91 |
| 880-34728-9 | FL34 | 382 S1+ | 77 |
| 880-34728-10 | FL52 | 312 S1+ | 74 |
| 880-34728-11 | FL53 | 234 S1+ | 77 |
| 880-34728-12 | FL54 | 378 S1+ | 124 |
| 880-34728-13 | FL69 | 347 S1+ | 96 |
| 880-34728-14 | FL104 | 266 S1+ | 83 |
| 880-34728-15 | FL105 | 243 S1+ | 98 |
| 880-34728-16 | FL106 | 303 S1+ | 78 |
| 880-34728-17 | FL107 | 322 S1+ | 79 |
| 880-34728-18 | FL108 | 241 S1+ | 100 |
| 880-34728-19 | FL194 | 305 S1+ | 104 |
| 880-34728-20 | FL198 | 287 S1+ | 103 |
| 880-34728-21 | SW7 | 212 S1+ | 100 |
| 880-34728-22 | SW8 | 220 S1+ | 93 |
| 880-34728-23 | SW9 | 185 S1+ | 89 |
| 880-34728-24 | SW10 | 255 S1+ | 106 |
| 880-34728-25 | SW11 | 198 S1+ | 105 |
| 880-34728-26 | SW12 | 203 S1+ | 93 |
| 880-34728-27 | SW13 | 225 S1+ | 105 |
| 880-34728-28 | SW14 | 227 S1+ | 101 |
| LCS 880-65490/1-A | Lab Control Sample | 234 S1+ | 98 |
| LCS 880-65497/1-A | Lab Control Sample | 185 S1+ | 62 S1- |
| LCSD 880-65490/2-A | Lab Control Sample Dup | 210 S1+ | 82 |
| LCSD 880-65497/2-A | Lab Control Sample Dup | 173 S1+ | 61 S1- |
| MB 880-65490/5-A | Method Blank | 156 S1+ | 86 |
| MB 880-65496/5-A | Method Blank | 141 S1+ | 89 |
| MB 880-65497/5-A | Method Blank | 116 | 90 |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | 1CO1 | OTPH1 |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) |
| 880-34728-1 | FL13 | 114 | 103 |
| 880-34728-1 MS | FL13 | 116 | 95 |

# Surrogate Summary

Client: Hungry Horse LLC Job ID: 880-34728-1
Project/Site: J3 Pit

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1CO1 | OTPH1 | | | | | | | | | | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | | | | | | | | | | |
| 880-34728-1 MSD | FL13 | 120 | 96 | | | | | | | | | | |
| 880-34728-2 | FL14 | 145 S1+ | 130 | | | | | | | | | | |
| 880-34728-3 | FL15 | 127 | 115 | | | | | | | | | | |
| 880-34728-4 | FL26 | 113 | 103 | | | | | | | | | | |
| 880-34728-5 | FL28 | 113 | 103 | | | | | | | | | | |
| 880-34728-6 | FL30 | 119 | 108 | | | | | | | | | | |
| 880-34728-7 | FL32 | 119 | 107 | | | | | | | | | | |
| 880-34728-8 | FL33 | 118 | 111 | | | | | | | | | | |
| 880-34728-9 | FL34 | 139 S1+ | 125 | | | | | | | | | | |
| 880-34728-10 | FL52 | 126 | 111 | | | | | | | | | | |
| 880-34728-11 | FL53 | 133 S1+ | 121 | | | | | | | | | | |
| 880-34728-12 | FL54 | 101 | 92 | | | | | | | | | | |
| 880-34728-13 | FL69 | 138 S1+ | 125 | | | | | | | | | | |
| 880-34728-14 | FL104 | 136 S1+ | 123 | | | | | | | | | | |
| 880-34728-15 | FL105 | 139 S1+ | 125 | | | | | | | | | | |
| 880-34728-16 | FL106 | 137 S1+ | 124 | | | | | | | | | | |
| 880-34728-17 | FL107 | 144 S1+ | 131 S1+ | | | | | | | | | | |
| 880-34728-18 | FL108 | 138 S1+ | 125 | | | | | | | | | | |
| 880-34728-19 | FL194 | 126 | 114 | | | | | | | | | | |
| 880-34728-20 | FL198 | 116 | 104 | | | | | | | | | | |
| 880-34728-21 | SW7 | 117 | 125 | | | | | | | | | | |
| 880-34728-22 | SW8 | 107 | 112 | | | | | | | | | | |
| 880-34728-23 | SW9 | 121 | 134 S1+ | | | | | | | | | | |
| 880-34728-24 | SW10 | 101 | 112 | | | | | | | | | | |
| 880-34728-25 | SW11 | 99 | 105 | | | | | | | | | | |
| 880-34728-26 | SW12 | 124 | 130 | | | | | | | | | | |
| 880-34728-27 | SW13 | 100 | 104 | | | | | | | | | | |
| 880-34728-28 | SW14 | 92 | 97 | | | | | | | | | | |
| LCS 880-65360/2-A | Lab Control Sample | 105 | 118 | | | | | | | | | | |
| LCS 880-65363/2-A | Lab Control Sample | 91 | 93 | | | | | | | | | | |
| LCSD 880-65360/3-A | Lab Control Sample Dup | 117 | 120 | | | | | | | | | | |
| LCSD 880-65363/3-A | Lab Control Sample Dup | 84 | 90 | | | | | | | | | | |
| MB 880-65360/1-A | Method Blank | 197 S1+ | 190 S1+ | | | | | | | | | | |
| MB 880-65363/1-A | Method Blank | 187 S1+ | 210 S1+ | | | | | | | | | | |

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

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

**Lab Sample ID: MB 880-65490/5-A**
**Matrix: Solid**
**Analysis Batch: 65679**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65490**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 11:55 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 11:55 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 11:55 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 11:55 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 11:55 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/24/23 14:49 | 10/27/23 11:55 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *156* | *S1+* | *70 - 130* | *10/24/23 14:49* | *10/27/23 11:55* | *1* |
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* | *10/24/23 14:49* | *10/27/23 11:55* | *1* |

**Lab Sample ID: LCS 880-65490/1-A**
**Matrix: Solid**
**Analysis Batch: 65679**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65490**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1164 | | mg/Kg | | 116 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1207 | | mg/Kg | | 121 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1238 | | mg/Kg | | 124 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2527 | | mg/Kg | | 126 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1254 | | mg/Kg | | 125 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *234* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* |

**Lab Sample ID: LCSD 880-65490/2-A**
**Matrix: Solid**
**Analysis Batch: 65679**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65490**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.08973 | | mg/Kg | | 90 | 70 - 130 | 26 | 35 |
| Toluene | | | 0.100 | 0.1069 | | mg/Kg | | 107 | 70 - 130 | 12 | 35 |
| Ethylbenzene | | | 0.100 | 0.1218 | | mg/Kg | | 122 | 70 - 130 | 2 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2353 | | mg/Kg | | 118 | 70 - 130 | 7 | 35 |
| o-Xylene | | | 0.100 | 0.1235 | | mg/Kg | | 123 | 70 - 130 | 2 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *210* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *82* | | *70 - 130* |

**Lab Sample ID: 880-34728-1 MS**
**Matrix: Solid**
**Analysis Batch: 65679**

**Client Sample ID: FL13**
**Prep Type: Total/NA**
**Prep Batch: 65490**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.0998 | 0.1002 | | mg/Kg | | 100 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.0998 | 0.1127 | | mg/Kg | | 113 | 70 - 130 | | |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

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

**Lab Sample ID: 880-34728-1 MS**
**Matrix: Solid**
**Analysis Batch: 65679**

**Client Sample ID: FL13**
**Prep Type: Total/NA**
**Prep Batch: 65490**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00200 | U | 0.0998 | 0.1061 | | mg/Kg | | 106 | 70 - 130 |
| m,p-Xylenes | <0.00401 | U | 0.200 | 0.2012 | | mg/Kg | | 101 | 70 - 130 |
| o-Xylene | <0.00200 | U | 0.0998 | 0.1019 | | mg/Kg | | 102 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *193* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *76* | | *70 - 130* |

**Lab Sample ID: 880-34728-1 MSD**
**Matrix: Solid**
**Analysis Batch: 65679**

**Client Sample ID: FL13**
**Prep Type: Total/NA**
**Prep Batch: 65490**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.0990 | 0.08447 | | mg/Kg | | 85 | 70 - 130 | 17 | 35 |
| Toluene | <0.00200 | U | 0.0990 | 0.1059 | | mg/Kg | | 107 | 70 - 130 | 6 | 35 |
| Ethylbenzene | <0.00200 | U | 0.0990 | 0.1104 | | mg/Kg | | 112 | 70 - 130 | 4 | 35 |
| m,p-Xylenes | <0.00401 | U | 0.198 | 0.2126 | | mg/Kg | | 107 | 70 - 130 | 6 | 35 |
| o-Xylene | <0.00200 | U | 0.0990 | 0.1071 | | mg/Kg | | 108 | 70 - 130 | 5 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *194* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* |

**Lab Sample ID: MB 880-65496/5-A**
**Matrix: Solid**
**Analysis Batch: 65566**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65496**

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/24/23 16:39 | 10/26/23 04:40 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 10/24/23 16:39 | 10/26/23 04:40 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/24/23 16:39 | 10/26/23 04:40 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | mg/Kg | | 10/24/23 16:39 | 10/26/23 04:40 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 10/24/23 16:39 | 10/26/23 04:40 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | mg/Kg | | 10/24/23 16:39 | 10/26/23 04:40 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *141* | *S1+* | *70 - 130* | *10/24/23 16:39* | *10/26/23 04:40* | *1* |
| *1,4-Difluorobenzene (Surr)* | *89* | | *70 - 130* | *10/24/23 16:39* | *10/26/23 04:40* | *1* |

**Lab Sample ID: MB 880-65497/5-A**
**Matrix: Solid**
**Analysis Batch: 65566**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65497**

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/24/23 16:42 | 10/26/23 18:19 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 10/24/23 16:42 | 10/26/23 18:19 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 10/24/23 16:42 | 10/26/23 18:19 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | mg/Kg | | 10/24/23 16:42 | 10/26/23 18:19 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

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

**Lab Sample ID: MB 880-65497/5-A**
**Matrix: Solid**
**Analysis Batch: 65566**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65497**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 10/24/23 16:42 | 10/26/23 18:19 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 10/24/23 16:42 | 10/26/23 18:19 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *116* | | *70 - 130* | *10/24/23 16:42* | *10/26/23 18:19* | *1* |
| *1,4-Difluorobenzene (Surr)* | *90* | | *70 - 130* | *10/24/23 16:42* | *10/26/23 18:19* | *1* |

**Lab Sample ID: LCS 880-65497/1-A**
**Matrix: Solid**
**Analysis Batch: 65566**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 65497**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1067 | | mg/Kg | | 107 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1293 | | mg/Kg | | 129 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1235 | | mg/Kg | | 124 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2356 | | mg/Kg | | 118 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1197 | | mg/Kg | | 120 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *185* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *62* | *S1-* | *70 - 130* |

**Lab Sample ID: LCSD 880-65497/2-A**
**Matrix: Solid**
**Analysis Batch: 65566**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 65497**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09685 | | mg/Kg | | 97 | 70 - 130 | 10 | 35 |
| Toluene | | | 0.100 | 0.1211 | | mg/Kg | | 121 | 70 - 130 | 7 | 35 |
| Ethylbenzene | | | 0.100 | 0.1084 | | mg/Kg | | 108 | 70 - 130 | 13 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2071 | | mg/Kg | | 104 | 70 - 130 | 13 | 35 |
| o-Xylene | | | 0.100 | 0.1210 | | mg/Kg | | 121 | 70 - 130 | 1 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *173* | *S1+* | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *61* | *S1-* | *70 - 130* |

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

**Lab Sample ID: MB 880-65360/1-A**
**Matrix: Solid**
**Analysis Batch: 65436**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 65360**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 19:19 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 19:19 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/23/23 12:08 | 10/24/23 19:19 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

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

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 197 | S1+ | 70 - 130 | 10/23/23 12:08 | 10/24/23 19:19 | 1 |
| o-Terphenyl (Surr) | 190 | S1+ | 70 - 130 | 10/23/23 12:08 | 10/24/23 19:19 | 1 |

**Lab Sample ID: LCS 880-65360/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65436** — **Prep Batch: 65360**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1079 | | mg/Kg | | 108 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 963.7 | | mg/Kg | | 96 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 105 | | 70 - 130 |
| o-Terphenyl (Surr) | 118 | | 70 - 130 |

**Lab Sample ID: LCSD 880-65360/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65436** — **Prep Batch: 65360**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1121 | | mg/Kg | | 112 | 70 - 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1021 | | mg/Kg | | 102 | 70 - 130 | 6 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 117 | | 70 - 130 |
| o-Terphenyl (Surr) | 120 | | 70 - 130 |

**Lab Sample ID: 880-34728-1 MS** — **Client Sample ID: FL13**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65436** — **Prep Batch: 65360**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 1010 | 890.6 | | mg/Kg | | 86 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 1010 | 1175 | | mg/Kg | | 117 | 70 - 130 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 116 | | 70 - 130 |
| o-Terphenyl (Surr) | 95 | | 70 - 130 |

**Lab Sample ID: 880-34728-1 MSD** — **Client Sample ID: FL13**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65436** — **Prep Batch: 65360**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 1010 | 929.7 | | mg/Kg | | 90 | 70 - 130 | 4 | 20 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

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

**Lab Sample ID: 880-34728-1 MSD** — **Client Sample ID: FL13**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65436** — **Prep Batch: 65360**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 1010 | 1218 | | mg/Kg | | 121 | 70 - 130 | 4 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *120* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* |

**Lab Sample ID: MB 880-65363/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65298** — **Prep Batch: 65363**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 19:47 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 19:47 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 10/23/23 12:15 | 10/23/23 19:47 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *187* | *S1+* | *70 - 130* | *10/23/23 12:15* | *10/23/23 19:47* | *1* |
| *o-Terphenyl (Surr)* | *210* | *S1+* | *70 - 130* | *10/23/23 12:15* | *10/23/23 19:47* | *1* |

**Lab Sample ID: LCS 880-65363/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65298** — **Prep Batch: 65363**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1000 | | mg/Kg | | 100 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 947.6 | | mg/Kg | | 95 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *91* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *93* | | *70 - 130* |

**Lab Sample ID: LCSD 880-65363/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 65298** — **Prep Batch: 65363**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 832.3 | | mg/Kg | | 83 | 70 - 130 | 18 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 783.2 | | mg/Kg | | 78 | 70 - 130 | 19 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *84* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *90* | | *70 - 130* |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-65486/1-A**
**Matrix: Solid**
**Analysis Batch: 65574**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/25/23 15:39 | 1 |

**Lab Sample ID: LCS 880-65486/2-A**
**Matrix: Solid**
**Analysis Batch: 65574**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 245.0 | | mg/Kg | | 98 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-65486/3-A**
**Matrix: Solid**
**Analysis Batch: 65574**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 245.3 | | mg/Kg | | 98 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-34728-21 MS**
**Matrix: Solid**
**Analysis Batch: 65574**

**Client Sample ID: SW7**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 59.5 | | 252 | 300.6 | | mg/Kg | | 96 | 90 - 110 | | |

**Lab Sample ID: 880-34728-21 MSD**
**Matrix: Solid**
**Analysis Batch: 65574**

**Client Sample ID: SW7**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 59.5 | | 252 | 300.7 | | mg/Kg | | 96 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-65324/1-A**
**Matrix: Solid**
**Analysis Batch: 65581**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 10/26/23 10:06 | 1 |

**Lab Sample ID: LCS 880-65324/2-A**
**Matrix: Solid**
**Analysis Batch: 65581**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 243.0 | | mg/Kg | | 97 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-65324/3-A**
**Matrix: Solid**
**Analysis Batch: 65581**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 243.2 | | mg/Kg | | 97 | 90 - 110 | 0 | 20 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: 880-34728-9 MS**
**Matrix: Solid**
**Analysis Batch: 65581**

**Client Sample ID: FL34**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 50.2 | | 249 | 282.7 | | mg/Kg | | 93 | 90 - 110 |

**Lab Sample ID: 880-34728-9 MSD**
**Matrix: Solid**
**Analysis Batch: 65581**

**Client Sample ID: FL34**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 50.2 | | 249 | 282.8 | | mg/Kg | | 93 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## GC VOA

### Prep Batch: 65490

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-1 | FL13 | Total/NA | Solid | 5035 | |
| 880-34728-2 | FL14 | Total/NA | Solid | 5035 | |
| 880-34728-3 | FL15 | Total/NA | Solid | 5035 | |
| 880-34728-4 | FL26 | Total/NA | Solid | 5035 | |
| 880-34728-5 | FL28 | Total/NA | Solid | 5035 | |
| 880-34728-6 | FL30 | Total/NA | Solid | 5035 | |
| 880-34728-7 | FL32 | Total/NA | Solid | 5035 | |
| 880-34728-8 | FL33 | Total/NA | Solid | 5035 | |
| 880-34728-9 | FL34 | Total/NA | Solid | 5035 | |
| 880-34728-10 | FL52 | Total/NA | Solid | 5035 | |
| 880-34728-11 | FL53 | Total/NA | Solid | 5035 | |
| 880-34728-12 | FL54 | Total/NA | Solid | 5035 | |
| 880-34728-13 | FL69 | Total/NA | Solid | 5035 | |
| 880-34728-14 | FL104 | Total/NA | Solid | 5035 | |
| 880-34728-15 | FL105 | Total/NA | Solid | 5035 | |
| 880-34728-16 | FL106 | Total/NA | Solid | 5035 | |
| 880-34728-17 | FL107 | Total/NA | Solid | 5035 | |
| 880-34728-18 | FL108 | Total/NA | Solid | 5035 | |
| 880-34728-19 | FL194 | Total/NA | Solid | 5035 | |
| 880-34728-20 | FL198 | Total/NA | Solid | 5035 | |
| MB 880-65490/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65490/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-65490/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-34728-1 MS | FL13 | Total/NA | Solid | 5035 | |
| 880-34728-1 MSD | FL13 | Total/NA | Solid | 5035 | |

### Prep Batch: 65496

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-65496/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Prep Batch: 65497

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-21 | SW7 | Total/NA | Solid | 5035 | |
| 880-34728-22 | SW8 | Total/NA | Solid | 5035 | |
| 880-34728-23 | SW9 | Total/NA | Solid | 5035 | |
| 880-34728-24 | SW10 | Total/NA | Solid | 5035 | |
| 880-34728-25 | SW11 | Total/NA | Solid | 5035 | |
| 880-34728-26 | SW12 | Total/NA | Solid | 5035 | |
| 880-34728-27 | SW13 | Total/NA | Solid | 5035 | |
| 880-34728-28 | SW14 | Total/NA | Solid | 5035 | |
| MB 880-65497/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-65497/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-65497/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

### Analysis Batch: 65566

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-21 | SW7 | Total/NA | Solid | 8021B | 65497 |
| 880-34728-22 | SW8 | Total/NA | Solid | 8021B | 65497 |
| 880-34728-23 | SW9 | Total/NA | Solid | 8021B | 65497 |
| 880-34728-24 | SW10 | Total/NA | Solid | 8021B | 65497 |
| 880-34728-25 | SW11 | Total/NA | Solid | 8021B | 65497 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## GC VOA (Continued)

### Analysis Batch: 65566 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-26 | SW12 | Total/NA | Solid | 8021B | 65497 |
| 880-34728-27 | SW13 | Total/NA | Solid | 8021B | 65497 |
| 880-34728-28 | SW14 | Total/NA | Solid | 8021B | 65497 |
| MB 880-65496/5-A | Method Blank | Total/NA | Solid | 8021B | 65496 |
| MB 880-65497/5-A | Method Blank | Total/NA | Solid | 8021B | 65497 |
| LCS 880-65497/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65497 |
| LCSD 880-65497/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65497 |

### Analysis Batch: 65679

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-1 | FL13 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-2 | FL14 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-3 | FL15 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-4 | FL26 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-5 | FL28 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-6 | FL30 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-7 | FL32 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-8 | FL33 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-9 | FL34 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-10 | FL52 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-11 | FL53 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-12 | FL54 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-13 | FL69 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-14 | FL104 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-15 | FL105 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-16 | FL106 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-17 | FL107 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-18 | FL108 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-19 | FL194 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-20 | FL198 | Total/NA | Solid | 8021B | 65490 |
| MB 880-65490/5-A | Method Blank | Total/NA | Solid | 8021B | 65490 |
| LCS 880-65490/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 65490 |
| LCSD 880-65490/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 65490 |
| 880-34728-1 MS | FL13 | Total/NA | Solid | 8021B | 65490 |
| 880-34728-1 MSD | FL13 | Total/NA | Solid | 8021B | 65490 |

### Analysis Batch: 65718

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-1 | FL13 | Total/NA | Solid | Total BTEX | |
| 880-34728-2 | FL14 | Total/NA | Solid | Total BTEX | |
| 880-34728-3 | FL15 | Total/NA | Solid | Total BTEX | |
| 880-34728-4 | FL26 | Total/NA | Solid | Total BTEX | |
| 880-34728-5 | FL28 | Total/NA | Solid | Total BTEX | |
| 880-34728-6 | FL30 | Total/NA | Solid | Total BTEX | |
| 880-34728-7 | FL32 | Total/NA | Solid | Total BTEX | |
| 880-34728-8 | FL33 | Total/NA | Solid | Total BTEX | |
| 880-34728-9 | FL34 | Total/NA | Solid | Total BTEX | |
| 880-34728-10 | FL52 | Total/NA | Solid | Total BTEX | |
| 880-34728-11 | FL53 | Total/NA | Solid | Total BTEX | |
| 880-34728-12 | FL54 | Total/NA | Solid | Total BTEX | |
| 880-34728-13 | FL69 | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## GC VOA (Continued)

### Analysis Batch: 65718 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-14 | FL104 | Total/NA | Solid | Total BTEX | |
| 880-34728-15 | FL105 | Total/NA | Solid | Total BTEX | |
| 880-34728-16 | FL106 | Total/NA | Solid | Total BTEX | |
| 880-34728-17 | FL107 | Total/NA | Solid | Total BTEX | |
| 880-34728-18 | FL108 | Total/NA | Solid | Total BTEX | |
| 880-34728-19 | FL194 | Total/NA | Solid | Total BTEX | |
| 880-34728-20 | FL198 | Total/NA | Solid | Total BTEX | |
| 880-34728-21 | SW7 | Total/NA | Solid | Total BTEX | |
| 880-34728-22 | SW8 | Total/NA | Solid | Total BTEX | |
| 880-34728-23 | SW9 | Total/NA | Solid | Total BTEX | |
| 880-34728-24 | SW10 | Total/NA | Solid | Total BTEX | |
| 880-34728-25 | SW11 | Total/NA | Solid | Total BTEX | |
| 880-34728-26 | SW12 | Total/NA | Solid | Total BTEX | |
| 880-34728-27 | SW13 | Total/NA | Solid | Total BTEX | |
| 880-34728-28 | SW14 | Total/NA | Solid | Total BTEX | |

## GC Semi VOA

### Analysis Batch: 65298

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-21 | SW7 | Total/NA | Solid | 8015B NM | 65363 |
| 880-34728-22 | SW8 | Total/NA | Solid | 8015B NM | 65363 |
| 880-34728-23 | SW9 | Total/NA | Solid | 8015B NM | 65363 |
| 880-34728-24 | SW10 | Total/NA | Solid | 8015B NM | 65363 |
| 880-34728-25 | SW11 | Total/NA | Solid | 8015B NM | 65363 |
| 880-34728-26 | SW12 | Total/NA | Solid | 8015B NM | 65363 |
| 880-34728-27 | SW13 | Total/NA | Solid | 8015B NM | 65363 |
| 880-34728-28 | SW14 | Total/NA | Solid | 8015B NM | 65363 |
| MB 880-65363/1-A | Method Blank | Total/NA | Solid | 8015B NM | 65363 |
| LCS 880-65363/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 65363 |
| LCSD 880-65363/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 65363 |

### Prep Batch: 65360

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-1 | FL13 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-2 | FL14 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-3 | FL15 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-4 | FL26 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-5 | FL28 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-6 | FL30 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-7 | FL32 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-8 | FL33 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-9 | FL34 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-10 | FL52 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-11 | FL53 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-12 | FL54 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-13 | FL69 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-14 | FL104 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-15 | FL105 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-16 | FL106 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-17 | FL107 | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## GC Semi VOA (Continued)

### Prep Batch: 65360 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-18 | FL108 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-19 | FL194 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-20 | FL198 | Total/NA | Solid | 8015NM Prep | |
| MB 880-65360/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-65360/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-65360/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-34728-1 MS | FL13 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-1 MSD | FL13 | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 65363

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-21 | SW7 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-22 | SW8 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-23 | SW9 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-24 | SW10 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-25 | SW11 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-26 | SW12 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-27 | SW13 | Total/NA | Solid | 8015NM Prep | |
| 880-34728-28 | SW14 | Total/NA | Solid | 8015NM Prep | |
| MB 880-65363/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-65363/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-65363/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 65436

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-1 | FL13 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-2 | FL14 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-3 | FL15 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-4 | FL26 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-5 | FL28 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-6 | FL30 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-7 | FL32 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-8 | FL33 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-9 | FL34 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-10 | FL52 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-11 | FL53 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-12 | FL54 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-13 | FL69 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-14 | FL104 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-15 | FL105 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-16 | FL106 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-17 | FL107 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-18 | FL108 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-19 | FL194 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-20 | FL198 | Total/NA | Solid | 8015B NM | 65360 |
| MB 880-65360/1-A | Method Blank | Total/NA | Solid | 8015B NM | 65360 |
| LCS 880-65360/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 65360 |
| LCSD 880-65360/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-1 MS | FL13 | Total/NA | Solid | 8015B NM | 65360 |
| 880-34728-1 MSD | FL13 | Total/NA | Solid | 8015B NM | 65360 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## GC Semi VOA

### Analysis Batch: 65468

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-1 | FL13 | Total/NA | Solid | 8015 NM | |
| 880-34728-2 | FL14 | Total/NA | Solid | 8015 NM | |
| 880-34728-3 | FL15 | Total/NA | Solid | 8015 NM | |
| 880-34728-4 | FL26 | Total/NA | Solid | 8015 NM | |
| 880-34728-5 | FL28 | Total/NA | Solid | 8015 NM | |
| 880-34728-6 | FL30 | Total/NA | Solid | 8015 NM | |
| 880-34728-7 | FL32 | Total/NA | Solid | 8015 NM | |
| 880-34728-8 | FL33 | Total/NA | Solid | 8015 NM | |
| 880-34728-9 | FL34 | Total/NA | Solid | 8015 NM | |
| 880-34728-10 | FL52 | Total/NA | Solid | 8015 NM | |
| 880-34728-11 | FL53 | Total/NA | Solid | 8015 NM | |
| 880-34728-12 | FL54 | Total/NA | Solid | 8015 NM | |
| 880-34728-13 | FL69 | Total/NA | Solid | 8015 NM | |
| 880-34728-14 | FL104 | Total/NA | Solid | 8015 NM | |
| 880-34728-15 | FL105 | Total/NA | Solid | 8015 NM | |
| 880-34728-16 | FL106 | Total/NA | Solid | 8015 NM | |
| 880-34728-17 | FL107 | Total/NA | Solid | 8015 NM | |
| 880-34728-18 | FL108 | Total/NA | Solid | 8015 NM | |
| 880-34728-19 | FL194 | Total/NA | Solid | 8015 NM | |
| 880-34728-20 | FL198 | Total/NA | Solid | 8015 NM | |
| 880-34728-21 | SW7 | Total/NA | Solid | 8015 NM | |
| 880-34728-22 | SW8 | Total/NA | Solid | 8015 NM | |
| 880-34728-23 | SW9 | Total/NA | Solid | 8015 NM | |
| 880-34728-24 | SW10 | Total/NA | Solid | 8015 NM | |
| 880-34728-25 | SW11 | Total/NA | Solid | 8015 NM | |
| 880-34728-26 | SW12 | Total/NA | Solid | 8015 NM | |
| 880-34728-27 | SW13 | Total/NA | Solid | 8015 NM | |
| 880-34728-28 | SW14 | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 65324

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-1 | FL13 | Soluble | Solid | DI Leach | |
| 880-34728-2 | FL14 | Soluble | Solid | DI Leach | |
| 880-34728-3 | FL15 | Soluble | Solid | DI Leach | |
| 880-34728-4 | FL26 | Soluble | Solid | DI Leach | |
| 880-34728-5 | FL28 | Soluble | Solid | DI Leach | |
| 880-34728-6 | FL30 | Soluble | Solid | DI Leach | |
| 880-34728-7 | FL32 | Soluble | Solid | DI Leach | |
| 880-34728-8 | FL33 | Soluble | Solid | DI Leach | |
| 880-34728-9 | FL34 | Soluble | Solid | DI Leach | |
| 880-34728-10 | FL52 | Soluble | Solid | DI Leach | |
| 880-34728-11 | FL53 | Soluble | Solid | DI Leach | |
| 880-34728-12 | FL54 | Soluble | Solid | DI Leach | |
| 880-34728-13 | FL69 | Soluble | Solid | DI Leach | |
| 880-34728-14 | FL104 | Soluble | Solid | DI Leach | |
| 880-34728-15 | FL105 | Soluble | Solid | DI Leach | |
| 880-34728-16 | FL106 | Soluble | Solid | DI Leach | |
| 880-34728-17 | FL107 | Soluble | Solid | DI Leach | |
| 880-34728-18 | FL108 | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## HPLC/IC (Continued)

### Leach Batch: 65324 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-65324/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-65324/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-65324/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34728-9 MS | FL34 | Soluble | Solid | DI Leach | |
| 880-34728-9 MSD | FL34 | Soluble | Solid | DI Leach | |

### Leach Batch: 65486

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-19 | FL194 | Soluble | Solid | DI Leach | |
| 880-34728-20 | FL198 | Soluble | Solid | DI Leach | |
| 880-34728-21 | SW7 | Soluble | Solid | DI Leach | |
| 880-34728-22 | SW8 | Soluble | Solid | DI Leach | |
| 880-34728-23 | SW9 | Soluble | Solid | DI Leach | |
| 880-34728-24 | SW10 | Soluble | Solid | DI Leach | |
| 880-34728-25 | SW11 | Soluble | Solid | DI Leach | |
| 880-34728-26 | SW12 | Soluble | Solid | DI Leach | |
| 880-34728-27 | SW13 | Soluble | Solid | DI Leach | |
| 880-34728-28 | SW14 | Soluble | Solid | DI Leach | |
| MB 880-65486/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-65486/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-65486/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-34728-21 MS | SW7 | Soluble | Solid | DI Leach | |
| 880-34728-21 MSD | SW7 | Soluble | Solid | DI Leach | |

### Analysis Batch: 65574

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-19 | FL194 | Soluble | Solid | 300.0 | 65486 |
| 880-34728-20 | FL198 | Soluble | Solid | 300.0 | 65486 |
| 880-34728-21 | SW7 | Soluble | Solid | 300.0 | 65486 |
| 880-34728-22 | SW8 | Soluble | Solid | 300.0 | 65486 |
| 880-34728-23 | SW9 | Soluble | Solid | 300.0 | 65486 |
| 880-34728-24 | SW10 | Soluble | Solid | 300.0 | 65486 |
| 880-34728-25 | SW11 | Soluble | Solid | 300.0 | 65486 |
| 880-34728-26 | SW12 | Soluble | Solid | 300.0 | 65486 |
| 880-34728-27 | SW13 | Soluble | Solid | 300.0 | 65486 |
| 880-34728-28 | SW14 | Soluble | Solid | 300.0 | 65486 |
| MB 880-65486/1-A | Method Blank | Soluble | Solid | 300.0 | 65486 |
| LCS 880-65486/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 65486 |
| LCSD 880-65486/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 65486 |
| 880-34728-21 MS | SW7 | Soluble | Solid | 300.0 | 65486 |
| 880-34728-21 MSD | SW7 | Soluble | Solid | 300.0 | 65486 |

### Analysis Batch: 65581

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-1 | FL13 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-2 | FL14 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-3 | FL15 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-4 | FL26 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-5 | FL28 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-6 | FL30 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-7 | FL32 | Soluble | Solid | 300.0 | 65324 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## HPLC/IC (Continued)

### Analysis Batch: 65581 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-34728-8 | FL33 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-9 | FL34 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-10 | FL52 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-11 | FL53 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-12 | FL54 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-13 | FL69 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-14 | FL104 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-15 | FL105 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-16 | FL106 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-17 | FL107 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-18 | FL108 | Soluble | Solid | 300.0 | 65324 |
| MB 880-65324/1-A | Method Blank | Soluble | Solid | 300.0 | 65324 |
| LCS 880-65324/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 65324 |
| LCSD 880-65324/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 65324 |
| 880-34728-9 MS | FL34 | Soluble | Solid | 300.0 | 65324 |
| 880-34728-9 MSD | FL34 | Soluble | Solid | 300.0 | 65324 |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL13

**Lab Sample ID: 880-34728-1**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 12:21 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 12:21 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/24/23 20:23 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/24/23 20:23 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 10:45 | CH | EET MID |

## Client Sample ID: FL14

**Lab Sample ID: 880-34728-2**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 12:47 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 12:47 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/24/23 21:26 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/24/23 21:26 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 10:51 | CH | EET MID |

## Client Sample ID: FL15

**Lab Sample ID: 880-34728-3**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 13:13 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 13:13 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/24/23 21:48 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/24/23 21:48 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 10:57 | CH | EET MID |

## Client Sample ID: FL26

**Lab Sample ID: 880-34728-4**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 13:39 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL26

**Lab Sample ID: 880-34728-4**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/24/23 22:09 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/24/23 22:09 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 11:14 | CH | EET MID |

## Client Sample ID: FL28

**Lab Sample ID: 880-34728-5**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 14:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 14:05 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/24/23 22:30 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/24/23 22:30 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 12:06 | CH | EET MID |

## Client Sample ID: FL30

**Lab Sample ID: 880-34728-6**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 14:31 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 14:31 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/24/23 22:51 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/24/23 22:51 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 12:11 | CH | EET MID |

## Client Sample ID: FL32

**Lab Sample ID: 880-34728-7**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 14:57 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 14:57 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/24/23 23:12 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/24/23 23:12 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL32

**Lab Sample ID: 880-34728-7**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 12:17 | CH | EET MID |

## Client Sample ID: FL33

**Lab Sample ID: 880-34728-8**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 15:22 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 15:22 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/24/23 23:33 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/24/23 23:33 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 12:23 | CH | EET MID |

## Client Sample ID: FL34

**Lab Sample ID: 880-34728-9**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 15:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 15:49 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/24/23 23:54 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/24/23 23:54 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 12:28 | CH | EET MID |

## Client Sample ID: FL52

**Lab Sample ID: 880-34728-10**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 16:14 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 16:14 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/25/23 00:15 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/25/23 00:15 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 12:45 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL53

**Lab Sample ID: 880-34728-11**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 17:58 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 17:58 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/25/23 00:58 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.08 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/25/23 00:58 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 12:51 | CH | EET MID |

## Client Sample ID: FL54

**Lab Sample ID: 880-34728-12**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 18:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 18:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/25/23 01:19 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/25/23 01:19 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 13:08 | CH | EET MID |

## Client Sample ID: FL69

**Lab Sample ID: 880-34728-13**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 18:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 18:49 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/25/23 01:40 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/25/23 01:40 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 13:14 | CH | EET MID |

## Client Sample ID: FL104

**Lab Sample ID: 880-34728-14**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 19:14 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 19:14 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL104

**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

**Lab Sample ID: 880-34728-14**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/25/23 02:01 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/25/23 02:01 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 13:19 | CH | EET MID |

## Client Sample ID: FL105

**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

**Lab Sample ID: 880-34728-15**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 19:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 19:39 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/25/23 02:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/25/23 02:22 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 13:25 | CH | EET MID |

## Client Sample ID: FL106

**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

**Lab Sample ID: 880-34728-16**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 20:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 20:05 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/25/23 02:43 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/25/23 02:43 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 13:30 | CH | EET MID |

## Client Sample ID: FL107

**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

**Lab Sample ID: 880-34728-17**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 20:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 20:30 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/25/23 03:04 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/25/23 03:04 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: FL107

**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

**Lab Sample ID: 880-34728-17**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 13:36 | CH | EET MID |

## Client Sample ID: FL108

**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

**Lab Sample ID: 880-34728-18**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 20:56 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 20:56 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/25/23 03:25 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/25/23 03:25 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 65324 | 10/23/23 09:03 | CH | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 50 mL | 50 mL | 65581 | 10/26/23 13:42 | CH | EET MID |

## Client Sample ID: FL194

**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

**Lab Sample ID: 880-34728-19**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 21:21 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 21:21 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/25/23 03:46 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/25/23 03:46 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 65486 | 10/24/23 13:25 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 65574 | 10/25/23 17:03 | CH | EET MID |

## Client Sample ID: FL198

**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

**Lab Sample ID: 880-34728-20**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65490 | 10/24/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65679 | 10/27/23 21:47 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 21:47 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/25/23 04:07 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 65360 | 10/23/23 12:08 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65436 | 10/25/23 04:07 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 65486 | 10/24/23 13:25 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 65574 | 10/25/23 17:09 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: SW7

**Lab Sample ID: 880-34728-21**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65497 | 10/24/23 16:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65566 | 10/26/23 22:12 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/26/23 22:12 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/23/23 21:55 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.10 g | 10 mL | 65363 | 10/23/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 21:55 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 65486 | 10/24/23 13:25 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 65574 | 10/25/23 17:15 | CH | EET MID |

## Client Sample ID: SW8

**Lab Sample ID: 880-34728-22**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65497 | 10/24/23 16:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65566 | 10/26/23 22:38 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/26/23 22:38 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/23/23 22:17 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 65363 | 10/23/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 22:17 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 65486 | 10/24/23 13:25 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 65574 | 10/25/23 17:31 | CH | EET MID |

## Client Sample ID: SW9

**Lab Sample ID: 880-34728-23**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 65497 | 10/24/23 16:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65566 | 10/27/23 00:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 00:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/23/23 22:38 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 65363 | 10/23/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 22:38 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 65486 | 10/24/23 13:25 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 65574 | 10/25/23 17:37 | CH | EET MID |

## Client Sample ID: SW10

**Lab Sample ID: 880-34728-24**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 65497 | 10/24/23 16:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65566 | 10/27/23 00:50 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 00:50 | SM | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: SW10

**Lab Sample ID: 880-34728-24**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/23/23 22:59 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 65363 | 10/23/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 22:59 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 65486 | 10/24/23 13:25 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 65574 | 10/25/23 17:54 | CH | EET MID |

## Client Sample ID: SW11

**Lab Sample ID: 880-34728-25**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 65497 | 10/24/23 16:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65566 | 10/27/23 01:16 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 01:16 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/23/23 23:21 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 65363 | 10/23/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 23:21 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 65486 | 10/24/23 13:25 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 65574 | 10/25/23 18:00 | CH | EET MID |

## Client Sample ID: SW12

**Lab Sample ID: 880-34728-26**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 65497 | 10/24/23 16:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65566 | 10/27/23 01:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 01:42 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/23/23 23:42 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 65363 | 10/23/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/23/23 23:42 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 65486 | 10/24/23 13:25 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 65574 | 10/25/23 18:06 | CH | EET MID |

## Client Sample ID: SW13

**Lab Sample ID: 880-34728-27**
**Matrix: Solid**
**Date Collected: 10/20/23 00:00**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 65497 | 10/24/23 16:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65566 | 10/27/23 02:09 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 02:09 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/24/23 00:03 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 65363 | 10/23/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/24/23 00:03 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Client Sample ID: SW13

**Lab Sample ID: 880-34728-27**

**Date Collected: 10/20/23 00:00**
**Matrix: Solid**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 65486 | 10/24/23 13:25 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 65574 | 10/25/23 18:11 | CH | EET MID |

## Client Sample ID: SW14

**Lab Sample ID: 880-34728-28**

**Date Collected: 10/20/23 00:00**
**Matrix: Solid**
**Date Received: 10/20/23 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 65497 | 10/24/23 16:42 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 65566 | 10/27/23 02:35 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 65718 | 10/27/23 02:35 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 65468 | 10/24/23 00:25 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 65363 | 10/23/23 12:15 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 65298 | 10/24/23 00:25 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 65486 | 10/24/23 13:25 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 65574 | 10/25/23 18:17 | CH | EET MID |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

## Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Texas | NELAP | T104704400-23-26 | 06-30-24 |

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

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

# Method Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

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

**Protocol References:**

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

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

# Sample Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-34728-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 880-34728-1 | FL13 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-2 | FL14 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-3 | FL15 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-4 | FL26 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-5 | FL28 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-6 | FL30 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-7 | FL32 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-8 | FL33 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-9 | FL34 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-10 | FL52 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-11 | FL53 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-12 | FL54 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-13 | FL69 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-14 | FL104 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-15 | FL105 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-16 | FL106 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-17 | FL107 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-18 | FL108 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-19 | FL194 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-20 | FL198 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-21 | SW7 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-22 | SW8 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-23 | SW9 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-24 | SW10 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-25 | SW11 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-26 | SW12 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-27 | SW13 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |
| 880-34728-28 | SW14 | Solid | 10/20/23 00:00 | 10/20/23 15:36 |

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# Chain of Custody

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Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
EL Paso TX (915) 585-3443 Lubbock TX (806) 794 1296
Hobbs NM (575) 392 7550 Carlsbad NM (575) 988 3199

Wo

880-34728 Chain of Custody

| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St |
| City State ZIP | Lovington NM 88260 | City State ZIP | Carlsbad |
| Phone | 575 393-3386 Email | | tbricker@selectwater com and pm@hungry-horse com |

Program UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab if received by 4 30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No |
| Samples Received Intact | Yes No | Thermometer ID | ICE |
| Cooler Custody Seals | Yes No N/A | Correction Factor | +.20 |
| Sample Custody Seals | Yes No N/A | Temperature Reading | 4.6 |
| Total Containers | | Corrected Temperature | 4.8 |

Pres Code

Parameters

ANALYSIS REQUEST

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | CHLORIDE | BTEX | TPH |
|---|---|---|---|---|---|---|---|---|---|
| FL13 | S | 10/20/23 | | | C | 1 | X | X | X |
| FL14 | S | 10/20/23 | | | C | 1 | X | X | X |
| FL15 | S | 10/20/23 | | | C | 1 | X | X | X |
| FL26 | S | 10/20/23 | | | C | 1 | X | X | X |
| FL28 | S | 10/20/23 | | | C | 1 | X | X | X |
| FL30 | S | 10/20/23 | | | C | 1 | X | X | X |
| FL32 | S | 10/20/23 | | | C | 1 | X | X | X |
| FL33 | S | 10/20/23 | | | C | 1 | X | X | X |
| FL34 | S | 10/20/23 | | | C | 1 | X | X | X |
| FL52 | S | 10/20/23 | | | C | 1 | X | X | X |

**Preservative Codes**

None NO DI Water $H_2O$
Cool Cool MeOH Me
HCL HC $HNO_3$ HN
$H_2SO_4$ $H_2$ NaOH Na
$H_3PO$ HP
NaHSO NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

**Sample Comments**

Total 200 7 / 6010 200.8 / 6020 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

Notice Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco its affiliates and subcontractors. It assigns standard terms and conditions of service Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco A minimum charge of $85 00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed These terms will be enforced unless previously negotiated

| Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | | 10/20/23 1536 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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Hobbs NM (575) 392 7550 Carlsbad NM (575) 988 3199

Work Order No. 34720

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| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St |
| City State ZIP | Lovington NM 88260 | City State ZIP | Carlsbad |
| Phone | 575 393-3386 Email | | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

Program UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab if received by 4 30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No | |
| Samples Received Intact | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**Preservative Codes**

None NO DI Water $H_2O$
Cool Cool MeOH Me
HCL HC $HNO_3$ HN
$H_2SO_4$ $H_2$ NaOH Na
H PO HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL53 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| FL54 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| FL69 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| FL104 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| FL105 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| FL106 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| FL107 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| FL108 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| FL194 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| FL198 | S | 10/20/23 | | | C | 1 | | X | X | X | |

Total 200 7 / 6010 200 8 / 6020 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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| Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 B Wells | | 10/20/23 1536 | 2 | | |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

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Midland TX (432) 704-5440 San Antonio TX (210) 509-3334
EL Paso TX (915) 585-3443 Lubbock TX (806) 794 1296
Hobbs NM (575) 392 7550 Carlsbad NM (575) 988 3199

Loc: 880
Work Order No: 34728

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3

| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St |
| City State ZIP | Lovington NM 88260 | City State ZIP | Carlsbad |
| Phone | 575 393-3386 | Email | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

Program UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Jerry Heidelberg | TAT starts the day received by the lab if received by 4 30pm | |
| PO # | | | |

| SAMPLE RECEIPT | Temp Blank | Yes No | Wet Ice | Yes No |
|---|---|---|---|---|
| Samples Received Intact | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers. | | Corrected Temperature | | |

**Preservative Codes**

None NO; DI Water $H_2O$; Cool Cool; MeOH Me; HCL HC; $HNO_3$ HN; $H_2SO_4$ $H_2$; NaOH Na; $H_3PO_4$ HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SW7 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| SW8 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| SW9 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| SW10 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| SW11 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| SW12 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| SW13 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| SW14 | S | 10/20/23 | | | C | 1 | | X | X | X | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Total 200 7 / 6010 200 8 / 6020 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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

| | Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|---|
| 1 | B. Wells | | 10/20/23 1536 | 2 | | |
| 3 | | | | 4 | | |
| 5 | | | | 6 | | |

Revised Date 08/25/2020 Rev 2020 2

# Login Sample Receipt Checklist

Client: Hungry Horse LLC Job Number: 880-34728-1

**Login Number: 34728** **List Source: Eurofins Midland**
**List Number: 1**
**Creator: Rodriguez, Leticia**

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

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Bradley Wells
Hungry Horse LLC
PO BOX 1058
Hobbs, New Mexico 88241

Generated 11/14/2023 10:23:51 AM

## JOB DESCRIPTION

J3 Pit

## JOB NUMBER

880-35345-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



Released to Imaging: 7/1/2024 1:26:15 PM

# Eurofins Midland

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization

Holly Taylor

Generated
11/14/2023 10:23:51 AM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Client: Hungry Horse LLC
Project/Site: J3 Pit

Laboratory Job ID: 880-35345-1

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# Definitions/Glossary

Client: Hungry Horse LLC Job ID: 880-35345-1
Project/Site: J3 Pit

## Qualifiers

### GC VOA

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

### GC Semi VOA

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

### HPLC/IC

| Qualifier | Qualifier Description |
|---|---|
| 4 | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| U | Indicates the analyte was analyzed for but not detected. |

## Glossary

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

# Case Narrative

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Job ID: 880-35345-1

**Laboratory: Eurofins Midland**

**Narrative**

**Job Narrative**
**880-35345-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

**Receipt**
The samples were received on 11/6/2023 12:59 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C

**Receipt Exceptions**
The following samples were received and analyzed from an unpreserved bulk soil jar: FL211 (880-35345-1), FL212 (880-35345-2), FL213 (880-35345-3), FL214 (880-35345-4), FL215 (880-35345-5), FL216 (880-35345-6), FL217 (880-35345-7), FL218 (880-35345-8), FL219 (880-35345-9), FL220 (880-35345-10), FL221 (880-35345-11), FL222 (880-35345-12), FL223 (880-35345-13), FL224 (880-35345-14), FL225 (880-35345-15), FL226 (880-35345-16), FL227 (880-35345-17), FL228 (880-35345-18), FL229 (880-35345-19), FL230 (880-35345-20), FL231 (880-35345-21), FL232 (880-35345-22), FL233 (880-35345-23), FL234 (880-35345-24), FL235 (880-35345-25), FL236 (880-35345-26), FL237 (880-35345-27), FL238 (880-35345-28), FL239 (880-35345-29), FL240 (880-35345-30), FL44b (880-35345-31), FL45b (880-35345-32), FL67b (880-35345-33), FL68b (880-35345-34), FL70b (880-35345-35), FL71b (880-35345-36), FL72b (880-35345-37), FL73b (880-35345-38), FL74b (880-35345-39), SW82 (880-35345-40), SW83 (880-35345-41), SW84 (880-35345-42) and SW85 (880-35345-43).

**GC VOA**
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-66373 and analytical batch 880-66479 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-66374, 880-66532 and 880-66737 and analytical batch 880-66684 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: FL223 (880-35345-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: FL233 (880-35345-23). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

**GC Semi VOA**
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-66786/20), (CCV 880-66786/31), (CCV 880-66786/5) and (LCSD 880-66709/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-66710 and analytical batch 880-66799 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

# Case Narrative

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Job ID: 880-35345-1 (Continued)

**Laboratory: Eurofins Midland (Continued)**

**HPLC/IC**

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-66460 and analytical batch 880-66746 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL211

**Lab Sample ID: 880-35345-1**
**Matrix: Solid**
**Date Collected: 11/01/23 08:00**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:01 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:01 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:01 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:01 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:01 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *78* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 13:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *106* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 13:01* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 11/08/23 13:01 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 11/12/23 19:25 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 19:25 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 19:25 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 19:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *122* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 19:25* | *1* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 19:25* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <4.96 | U | 4.96 | | mg/Kg | | | 11/11/23 19:56 | 1 |

## Client Sample ID: FL212

**Lab Sample ID: 880-35345-2**
**Matrix: Solid**
**Date Collected: 11/01/23 08:05**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:22 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:22 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:22 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:22 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:22 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 13:22* | *1* |

Eurofins Midland

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL212

**Lab Sample ID: 880-35345-2**

**Date Collected: 11/01/23 08:05**
**Matrix: Solid**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 13:22* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | mg/Kg | | | 11/08/23 13:22 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | mg/Kg | | | 11/12/23 19:48 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | mg/Kg | | 11/10/23 12:39 | 11/12/23 19:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | mg/Kg | | 11/10/23 12:39 | 11/12/23 19:48 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | mg/Kg | | 11/10/23 12:39 | 11/12/23 19:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 19:48* | *1* |
| *o-Terphenyl (Surr)* | *93* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 19:48* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | **136** | | 5.05 | mg/Kg | | | 11/11/23 20:47 | 1 |

## Client Sample ID: FL213

**Lab Sample ID: 880-35345-3**

**Date Collected: 11/01/23 08:10**
**Matrix: Solid**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:42 | 1 |
| Toluene | <0.00201 | U | 0.00201 | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:42 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:42 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:42 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:42 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | mg/Kg | | 11/07/23 13:35 | 11/08/23 13:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 13:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *113* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 13:42* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | mg/Kg | | | 11/08/23 13:42 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | mg/Kg | | | 11/12/23 20:11 | 1 |

Eurofins Midland

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL213

**Lab Sample ID: 880-35345-3**
**Matrix: Solid**
**Date Collected: 11/01/23 08:10**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 20:11 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 20:11 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 20:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *129* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 20:11* | *1* |
| *o-Terphenyl (Surr)* | *110* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 20:11* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **166** | | 4.97 | | mg/Kg | | | 11/11/23 20:53 | 1 |

## Client Sample ID: FL214

**Lab Sample ID: 880-35345-4**
**Matrix: Solid**
**Date Collected: 11/01/23 08:15**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:03 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:03 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:03 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:03 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:03 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 14:03* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 14:03* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 11/08/23 14:03 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **271** | | 49.7 | | mg/Kg | | | 11/12/23 20:33 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 20:33 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **271** | | 49.7 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 20:33 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 20:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *130* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 20:33* | *1* |
| *o-Terphenyl (Surr)* | *113* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 20:33* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL214

**Lab Sample ID: 880-35345-4**
**Matrix: Solid**
**Date Collected: 11/01/23 08:15**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 113 | | 5.04 | | mg/Kg | | | 11/11/23 20:58 | 1 |

## Client Sample ID: FL215

**Lab Sample ID: 880-35345-5**
**Matrix: Solid**
**Date Collected: 11/01/23 08:20**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:23 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:23 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:23 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:23 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:23 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 14:23* | *1* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 14:23* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 11/08/23 14:23 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 11/12/23 20:56 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 20:56 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 20:56 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 20:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 20:56* | *1* |
| *o-Terphenyl (Surr)* | *111* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 20:56* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 213 | | 5.02 | | mg/Kg | | | 11/11/23 21:04 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL216

**Lab Sample ID: 880-35345-6**
**Matrix: Solid**
**Date Collected: 11/01/23 08:25**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:44 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:44 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:44 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:44 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:44 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 14:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 14:44* | *1* |
| *1,4-Difluorobenzene (Surr)* | *114* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 14:44* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 11/08/23 14:44 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 11/12/23 21:18 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 21:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 21:18 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 21:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 21:18* | *1* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 21:18* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **759** | | 5.04 | | mg/Kg | | | 11/11/23 21:10 | 1 |

## Client Sample ID: FL217

**Lab Sample ID: 880-35345-7**
**Matrix: Solid**
**Date Collected: 11/01/23 08:30**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:04 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:04 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:04 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:04 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:04 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 15:04* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL217

**Lab Sample ID: 880-35345-7**

**Date Collected: 11/01/23 08:30**
**Matrix: Solid**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 15:04* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | mg/Kg | | | 11/08/23 15:04 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | mg/Kg | | | 11/12/23 21:41 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | mg/Kg | | 11/10/23 12:39 | 11/12/23 21:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | mg/Kg | | 11/10/23 12:39 | 11/12/23 21:41 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | mg/Kg | | 11/10/23 12:39 | 11/12/23 21:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 21:41* | *1* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 21:41* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1130** | | 5.01 | mg/Kg | | | 11/11/23 21:15 | 1 |

## Client Sample ID: FL218

**Lab Sample ID: 880-35345-8**

**Date Collected: 11/01/23 08:35**
**Matrix: Solid**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:24 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:24 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:24 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:24 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:24 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 15:24* | *1* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 15:24* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | mg/Kg | | | 11/08/23 15:24 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | mg/Kg | | | 11/12/23 22:04 | 1 |

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# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL218

**Lab Sample ID: 880-35345-8**
**Matrix: Solid**
**Date Collected: 11/01/23 08:35**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 22:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 22:04 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 22:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *119* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 22:04* | *1* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 22:04* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **313** | | 5.01 | | mg/Kg | | | 11/11/23 21:32 | 1 |

## Client Sample ID: FL219

**Lab Sample ID: 880-35345-9**
**Matrix: Solid**
**Date Collected: 11/01/23 08:40**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:45 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:45 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:45 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:45 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:45 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 15:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 15:45* | *1* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 15:45* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 11/08/23 15:45 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 11/12/23 22:26 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 22:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 22:26 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 22:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *103* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 22:26* | *1* |
| *o-Terphenyl (Surr)* | *90* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 22:26* | *1* |

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# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL219

**Lab Sample ID: 880-35345-9**
**Matrix: Solid**
**Date Collected: 11/01/23 08:40**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 386 | | 4.98 | | mg/Kg | | | 11/11/23 21:38 | 1 |

## Client Sample ID: FL220

**Lab Sample ID: 880-35345-10**
**Matrix: Solid**
**Date Collected: 11/01/23 08:45**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 16:05 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 16:05 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 16:05 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 16:05 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 16:05 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 16:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 16:05* | *1* |
| *1,4-Difluorobenzene (Surr)* | *112* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 16:05* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 11/08/23 16:05 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 11/12/23 22:49 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 22:49 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 22:49 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 22:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 22:49* | *1* |
| *o-Terphenyl (Surr)* | *89* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 22:49* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 213 | | 5.01 | | mg/Kg | | | 11/11/23 21:55 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL221

**Lab Sample ID: 880-35345-11**
**Matrix: Solid**
**Date Collected: 11/01/23 08:50**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 05:39 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 05:39 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 05:39 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 05:39 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 05:39 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 05:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 05:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 05:39* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 11/12/23 05:39 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 11/13/23 12:57 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 12:57 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U F1 | 49.6 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 12:57 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 12:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 12:57* | *1* |
| *o-Terphenyl (Surr)* | *87* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 12:57* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **111** | | 4.98 | | mg/Kg | | | 11/11/23 22:01 | 1 |

## Client Sample ID: FL222

**Lab Sample ID: 880-35345-12**
**Matrix: Solid**
**Date Collected: 11/01/23 09:00**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:00 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:00 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:00 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:00 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:00 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 06:00* | *1* |

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# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL222

**Date Collected: 11/01/23 09:00**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

**Lab Sample ID: 880-35345-12**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 06:00* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | mg/Kg | | | 11/12/23 06:00 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | mg/Kg | | | 11/13/23 14:07 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | mg/Kg | | 11/10/23 12:57 | 11/13/23 14:07 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | mg/Kg | | 11/10/23 12:57 | 11/13/23 14:07 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | mg/Kg | | 11/10/23 12:57 | 11/13/23 14:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *115* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 14:07* | *1* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 14:07* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1090** | | 4.95 | mg/Kg | | | 11/11/23 22:06 | 1 |

## Client Sample ID: FL223

**Date Collected: 11/01/23 09:05**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

**Lab Sample ID: 880-35345-13**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:20 | 1 |
| Toluene | <0.00199 | U | 0.00199 | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:20 | 1 |
| **Ethylbenzene** | **0.00859** | | 0.00199 | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:20 | 1 |
| **m,p-Xylenes** | **0.00472** | | 0.00398 | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:20 | 1 |
| **o-Xylene** | **0.0294** | | 0.00199 | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:20 | 1 |
| **Xylenes, Total** | **0.0341** | | 0.00398 | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *211* | *S1+* | *70 - 130* | *11/08/23 11:51* | *11/12/23 06:20* | *1* |
| *1,4-Difluorobenzene (Surr)* | *118* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 06:20* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Total BTEX** | **0.0427** | | 0.00398 | mg/Kg | | | 11/12/23 06:20 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Total TPH** | **1220** | | 49.7 | mg/Kg | | | 11/13/23 14:30 | 1 |

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# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL223

**Lab Sample ID: 880-35345-13**
**Matrix: Solid**
**Date Collected: 11/01/23 09:05**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 14:30 | 1 |
| **Diesel Range Organics (Over C10-C28)** | **1220** | | 49.7 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 14:30 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 14:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 14:30* | *1* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 14:30* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1160** | | 4.95 | | mg/Kg | | | 11/11/23 22:12 | 1 |

## Client Sample ID: FL224

**Lab Sample ID: 880-35345-14**
**Matrix: Solid**
**Date Collected: 11/01/23 09:10**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:41 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:41 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:41 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:41 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:41 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 06:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *119* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 06:41* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 06:41* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 11/12/23 06:41 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 11/13/23 14:53 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 14:53 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 14:53 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 14:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 14:53* | *1* |
| *o-Terphenyl (Surr)* | *88* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 14:53* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL224

**Lab Sample ID: 880-35345-14**
**Matrix: Solid**
**Date Collected: 11/01/23 09:10**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 1680 | | 24.8 | | mg/Kg | | | 11/11/23 22:18 | 5 |

## Client Sample ID: FL225

**Lab Sample ID: 880-35345-15**
**Matrix: Solid**
**Date Collected: 11/01/23 09:15**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:01 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:01 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:01 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:01 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:01 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *130* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 07:01* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 07:01* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 11/12/23 07:01 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.0 | U | 49.0 | | mg/Kg | | | 11/13/23 15:16 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.0 | U | 49.0 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 15:16 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.0 | U | 49.0 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 15:16 | 1 |
| OII Range Organics (Over C28-C36) | <49.0 | U | 49.0 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 15:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *111* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 15:16* | *1* |
| *o-Terphenyl (Surr)* | *94* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 15:16* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 970 | | 4.95 | | mg/Kg | | | 11/11/23 22:24 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL226

**Lab Sample ID: 880-35345-16**
**Matrix: Solid**
**Date Collected: 11/01/23 09:20**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:22 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:22 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:22 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:22 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:22 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *123* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 07:22* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 07:22* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 11/12/23 07:22 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 11/13/23 15:40 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 15:40 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 15:40 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 15:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *112* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 15:40* | *1* |
| *o-Terphenyl (Surr)* | *97* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 15:40* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2960** | | 25.3 | | mg/Kg | | | 11/11/23 22:29 | 5 |

## Client Sample ID: FL227

**Lab Sample ID: 880-35345-17**
**Matrix: Solid**
**Date Collected: 11/01/23 09:25**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:42 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:42 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:42 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:42 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:42 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 07:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *118* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 07:42* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL227

**Date Collected: 11/01/23 09:25**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

**Lab Sample ID: 880-35345-17**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 07:42* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | mg/Kg | | | 11/12/23 07:42 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | mg/Kg | | | 11/13/23 16:03 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | mg/Kg | | 11/10/23 12:57 | 11/13/23 16:03 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | mg/Kg | | 11/10/23 12:57 | 11/13/23 16:03 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | mg/Kg | | 11/10/23 12:57 | 11/13/23 16:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *96* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 16:03* | *1* |
| *o-Terphenyl (Surr)* | *83* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 16:03* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | **72.6** | | 4.95 | mg/Kg | | | 11/11/23 16:08 | 1 |

## Client Sample ID: FL228

**Date Collected: 11/01/23 09:30**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

**Lab Sample ID: 880-35345-18**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:03 | 1 |
| Toluene | <0.00198 | U | 0.00198 | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:03 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:03 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:03 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:03 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *112* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 08:03* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 08:03* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | mg/Kg | | | 11/12/23 08:03 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | mg/Kg | | | 11/13/23 16:27 | 1 |

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# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL228

**Lab Sample ID: 880-35345-18**
**Matrix: Solid**
**Date Collected: 11/01/23 09:30**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 16:27 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 16:27 | 1 |
| Oil Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 16:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *89* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 16:27* | *1* |
| *o-Terphenyl (Surr)* | *79* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 16:27* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **84.3** | | 5.01 | | mg/Kg | | | 11/11/23 16:25 | 1 |

## Client Sample ID: FL229

**Lab Sample ID: 880-35345-19**
**Matrix: Solid**
**Date Collected: 11/01/23 09:35**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:23 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:23 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:23 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:23 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:23 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *118* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 08:23* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 08:23* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 11/12/23 08:23 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 11/13/23 16:50 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 16:50 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 16:50 | 1 |
| Oil Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 16:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 16:50* | *1* |
| *o-Terphenyl (Surr)* | *84* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 16:50* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL229

**Lab Sample ID: 880-35345-19**
**Matrix: Solid**
**Date Collected: 11/01/23 09:35**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 171 | | 5.02 | | mg/Kg | | | 11/11/23 16:30 | 1 |

## Client Sample ID: FL230

**Lab Sample ID: 880-35345-20**
**Matrix: Solid**
**Date Collected: 11/01/23 09:40**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:44 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:44 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:44 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:44 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:44 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 08:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 08:44* | *1* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 08:44* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 11/12/23 08:44 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.5 | U | 50.5 | | mg/Kg | | | 11/13/23 17:13 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.5 | U | 50.5 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 17:13 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.5 | U | 50.5 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 17:13 | 1 |
| OII Range Organics (Over C28-C36) | <50.5 | U | 50.5 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 17:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 17:13* | *1* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 17:13* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 218 | | 5.05 | | mg/Kg | | | 11/11/23 16:36 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL231

**Lab Sample ID: 880-35345-21**
**Matrix: Solid**
**Date Collected: 11/01/23 09:45**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 08:58 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 08:58 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 08:58 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 08:58 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 08:58 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 08:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *79* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 08:58* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 08:58* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 11/11/23 08:58 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | | mg/Kg | | | 11/13/23 17:59 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 17:59 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 17:59 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 17:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *125* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 17:59* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 17:59* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2760** | | 25.2 | | mg/Kg | | | 11/11/23 16:42 | 5 |

## Client Sample ID: FL232

**Lab Sample ID: 880-35345-22**
**Matrix: Solid**
**Date Collected: 11/01/23 09:50**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:18 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:18 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:18 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:18 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:18 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 09:18* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL232

**Lab Sample ID: 880-35345-22**
**Matrix: Solid**
**Date Collected: 11/01/23 09:50**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 09:18* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | mg/Kg | | | 11/11/23 09:18 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | mg/Kg | | | 11/13/23 18:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | mg/Kg | | 11/10/23 12:57 | 11/13/23 18:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | mg/Kg | | 11/10/23 12:57 | 11/13/23 18:22 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | mg/Kg | | 11/10/23 12:57 | 11/13/23 18:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *106* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 18:22* | *1* |
| *o-Terphenyl (Surr)* | *88* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 18:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | **457** | | 4.99 | mg/Kg | | | 11/11/23 16:59 | 1 |

## Client Sample ID: FL233

**Lab Sample ID: 880-35345-23**
**Matrix: Solid**
**Date Collected: 11/01/23 09:55**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:39 | 1 |
| Toluene | <0.00199 | U | 0.00199 | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:39 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:39 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:39 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:39 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 09:39* | *1* |
| *1,4-Difluorobenzene (Surr)* | *69* | *S1-* | *70 - 130* | *11/07/23 13:39* | *11/11/23 09:39* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | mg/Kg | | | 11/11/23 09:39 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.8 | U | 49.8 | mg/Kg | | | 11/13/23 18:45 | 1 |

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# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL233

**Lab Sample ID: 880-35345-23**
**Matrix: Solid**
**Date Collected: 11/01/23 09:55**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.8 | U | 49.8 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 18:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 18:45 | 1 |
| OII Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 18:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *118* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 18:45* | *1* |
| *o-Terphenyl (Surr)* | *100* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 18:45* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **270** | | 5.00 | | mg/Kg | | | 11/11/23 17:04 | 1 |

## Client Sample ID: FL234

**Lab Sample ID: 880-35345-24**
**Matrix: Solid**
**Date Collected: 11/01/23 10:00**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:59 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:59 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:59 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:59 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:59 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 09:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *83* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 09:59* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 09:59* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 11/11/23 09:59 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 11/13/23 19:09 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 19:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 19:09 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 19:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *105* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 19:09* | *1* |
| *o-Terphenyl (Surr)* | *92* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 19:09* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL234

**Lab Sample ID: 880-35345-24**
**Matrix: Solid**
**Date Collected: 11/01/23 10:00**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 234 | | 4.99 | | mg/Kg | | | 11/11/23 17:10 | 1 |

## Client Sample ID: FL235

**Lab Sample ID: 880-35345-25**
**Matrix: Solid**
**Date Collected: 11/01/23 10:05**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 10:20 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 10:20 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 10:20 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 10:20 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 10:20 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 10:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *76* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 10:20* | *1* |
| *1,4-Difluorobenzene (Surr)* | *96* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 10:20* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 11/11/23 10:20 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 11/13/23 19:32 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 19:32 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 19:32 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 19:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 19:32* | *1* |
| *o-Terphenyl (Surr)* | *106* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 19:32* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 174 | | 5.02 | | mg/Kg | | | 11/11/23 17:16 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL236

**Lab Sample ID: 880-35345-26**
**Matrix: Solid**
**Date Collected: 11/01/23 10:10**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 10:40 | 1 |
| Toluene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 10:40 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 10:40 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 10:40 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 10:40 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 10:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *83* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 10:40* | *1* |
| *1,4-Difluorobenzene (Surr)* | *73* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 10:40* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | | mg/Kg | | | 11/11/23 10:40 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 11/13/23 19:55 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 19:55 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 19:55 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 19:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *123* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 19:55* | *1* |
| *o-Terphenyl (Surr)* | *107* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 19:55* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **199** | | 5.03 | | mg/Kg | | | 11/11/23 17:21 | 1 |

## Client Sample ID: FL237

**Lab Sample ID: 880-35345-27**
**Matrix: Solid**
**Date Collected: 11/01/23 10:15**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:01 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:01 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:01 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:01 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:01 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *83* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 11:01* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL237

**Date Collected: 11/01/23 10:15**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

**Lab Sample ID: 880-35345-27**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,4-Difluorobenzene (Surr)* | *98* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 11:01* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | mg/Kg | | | 11/11/23 11:01 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | mg/Kg | | | 11/13/23 20:18 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | mg/Kg | | 11/10/23 12:57 | 11/13/23 20:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | mg/Kg | | 11/10/23 12:57 | 11/13/23 20:18 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | mg/Kg | | 11/10/23 12:57 | 11/13/23 20:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *108* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 20:18* | *1* |
| *o-Terphenyl (Surr)* | *93* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 20:18* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | **137** | | 4.97 | mg/Kg | | | 11/11/23 17:27 | 1 |

## Client Sample ID: FL238

**Date Collected: 11/01/23 10:20**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

**Lab Sample ID: 880-35345-28**
**Matrix: Solid**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:21 | 1 |
| Toluene | <0.00199 | U | 0.00199 | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:21 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:21 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:21 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:21 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 11:21* | *1* |
| *1,4-Difluorobenzene (Surr)* | *97* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 11:21* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | mg/Kg | | | 11/11/23 11:21 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | mg/Kg | | | 11/13/23 20:41 | 1 |

Eurofins Midland

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL238

**Lab Sample ID: 880-35345-28**
**Matrix: Solid**
**Date Collected: 11/01/23 10:20**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 20:41 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 20:41 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 20:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 20:41* | *1* |
| *o-Terphenyl (Surr)* | *87* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 20:41* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **159** | | 5.05 | | mg/Kg | | | 11/11/23 17:44 | 1 |

## Client Sample ID: FL239

**Lab Sample ID: 880-35345-29**
**Matrix: Solid**
**Date Collected: 11/01/23 10:25**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:42 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:42 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:42 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:42 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:42 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 11:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 11:42* | *1* |
| *1,4-Difluorobenzene (Surr)* | *70* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 11:42* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | | mg/Kg | | | 11/11/23 11:42 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 11/13/23 21:04 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 21:04 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 21:04 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 21:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *111* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 21:04* | *1* |
| *o-Terphenyl (Surr)* | *94* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 21:04* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL239

**Lab Sample ID: 880-35345-29**
**Matrix: Solid**
**Date Collected: 11/01/23 10:25**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 152 | | 4.95 | | mg/Kg | | | 11/11/23 17:50 | 1 |

## Client Sample ID: FL240

**Lab Sample ID: 880-35345-30**
**Matrix: Solid**
**Date Collected: 11/01/23 10:30**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 12:03 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 12:03 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 12:03 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 12:03 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 12:03 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 12:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *83* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 12:03* | *1* |
| *1,4-Difluorobenzene (Surr)* | *75* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 12:03* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 11/11/23 12:03 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.1 | U | 50.1 | | mg/Kg | | | 11/13/23 21:26 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.1 | U | 50.1 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 21:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.1 | U | 50.1 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 21:26 | 1 |
| OII Range Organics (Over C28-C36) | <50.1 | U | 50.1 | | mg/Kg | | 11/10/23 12:57 | 11/13/23 21:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *103* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 21:26* | *1* |
| *o-Terphenyl (Surr)* | *94* | | *70 - 130* | *11/10/23 12:57* | *11/13/23 21:26* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 144 | | 5.03 | | mg/Kg | | | 11/11/23 18:06 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL44b

**Lab Sample ID: 880-35345-31**
**Matrix: Solid**
**Date Collected: 11/01/23 10:35**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 13:26 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 13:26 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 13:26 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 13:26 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 13:26 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 13:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *76* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 13:26* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 13:26* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 11/11/23 13:26 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 11/13/23 23:21 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 11/10/23 13:12 | 11/13/23 23:21 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 11/10/23 13:12 | 11/13/23 23:21 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 11/10/23 13:12 | 11/13/23 23:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *116* | | *70 - 130* | *11/10/23 13:12* | *11/13/23 23:21* | *1* |
| *o-Terphenyl (Surr)* | *108* | | *70 - 130* | *11/10/23 13:12* | *11/13/23 23:21* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **147** | | 5.05 | | mg/Kg | | | 11/11/23 18:12 | 1 |

## Client Sample ID: FL45b

**Lab Sample ID: 880-35345-32**
**Matrix: Solid**
**Date Collected: 11/01/23 10:40**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 13:47 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 13:47 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 13:47 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 13:47 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 13:47 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 13:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 13:47* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL45b

**Lab Sample ID: 880-35345-32**
**Matrix: Solid**
**Date Collected: 11/01/23 10:40**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,4-Difluorobenzene (Surr)* | *86* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 13:47* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | mg/Kg | | | 11/11/23 13:47 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | mg/Kg | | | 11/14/23 00:29 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | mg/Kg | | 11/10/23 13:12 | 11/14/23 00:29 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | mg/Kg | | 11/10/23 13:12 | 11/14/23 00:29 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | mg/Kg | | 11/10/23 13:12 | 11/14/23 00:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *98* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 00:29* | *1* |
| *o-Terphenyl (Surr)* | *87* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 00:29* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | **25.5** | | 5.00 | mg/Kg | | | 11/11/23 18:18 | 1 |

## Client Sample ID: FL67b

**Lab Sample ID: 880-35345-33**
**Matrix: Solid**
**Date Collected: 11/01/23 10:45**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00201 | U | 0.00201 | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:08 | 1 |
| Toluene | <0.00201 | U | 0.00201 | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:08 | 1 |
| Ethylbenzene | <0.00201 | U | 0.00201 | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:08 | 1 |
| m,p-Xylenes | <0.00402 | U | 0.00402 | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:08 | 1 |
| o-Xylene | <0.00201 | U | 0.00201 | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:08 | 1 |
| Xylenes, Total | <0.00402 | U | 0.00402 | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 14:08* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 14:08* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00402 | U | 0.00402 | mg/Kg | | | 11/11/23 14:08 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | mg/Kg | | | 11/14/23 00:51 | 1 |

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# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL67b

**Lab Sample ID: 880-35345-33**
**Matrix: Solid**
**Date Collected: 11/01/23 10:45**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 00:51 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 00:51 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 00:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 00:51* | *1* |
| *o-Terphenyl (Surr)* | *90* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 00:51* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **19.2** | | 5.03 | | mg/Kg | | | 11/11/23 18:23 | 1 |

## Client Sample ID: FL68b

**Lab Sample ID: 880-35345-34**
**Matrix: Solid**
**Date Collected: 11/01/23 10:50**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:28 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:28 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:28 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:28 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:28 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 14:28* | *1* |
| *1,4-Difluorobenzene (Surr)* | *91* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 14:28* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 11/11/23 14:28 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.2 | U | 50.2 | | mg/Kg | | | 11/14/23 01:14 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.2 | U | 50.2 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 01:14 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.2 | U | 50.2 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 01:14 | 1 |
| OII Range Organics (Over C28-C36) | <50.2 | U | 50.2 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 01:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 01:14* | *1* |
| *o-Terphenyl (Surr)* | *94* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 01:14* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL68b

**Lab Sample ID: 880-35345-34**
**Matrix: Solid**
**Date Collected: 11/01/23 10:50**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 11.8 | | 5.03 | | mg/Kg | | | 11/11/23 18:29 | 1 |

## Client Sample ID: FL70b

**Lab Sample ID: 880-35345-35**
**Matrix: Solid**
**Date Collected: 11/01/23 10:55**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:49 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:49 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:49 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:49 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:49 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 14:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 14:49* | *1* |
| *1,4-Difluorobenzene (Surr)* | *83* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 14:49* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 11/11/23 14:49 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | | mg/Kg | | | 11/14/23 01:37 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 01:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 01:37 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 01:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *120* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 01:37* | *1* |
| *o-Terphenyl (Surr)* | *100* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 01:37* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 9.94 | | 4.98 | | mg/Kg | | | 11/11/23 18:35 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL71b

**Lab Sample ID: 880-35345-36**
**Matrix: Solid**
**Date Collected: 11/01/23 11:00**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:09 | 1 |
| Toluene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:09 | 1 |
| Ethylbenzene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:09 | 1 |
| m,p-Xylenes | <0.00396 | U | 0.00396 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:09 | 1 |
| o-Xylene | <0.00198 | U | 0.00198 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:09 | 1 |
| Xylenes, Total | <0.00396 | U | 0.00396 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 15:09* | *1* |
| *1,4-Difluorobenzene (Surr)* | *71* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 15:09* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00396 | U | 0.00396 | | mg/Kg | | | 11/11/23 15:09 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | | mg/Kg | | | 11/14/23 01:59 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 01:59 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 01:59 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 01:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *121* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 01:59* | *1* |
| *o-Terphenyl (Surr)* | *102* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 01:59* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **17.2** | | 5.00 | | mg/Kg | | | 11/11/23 18:40 | 1 |

## Client Sample ID: FL72b

**Lab Sample ID: 880-35345-37**
**Matrix: Solid**
**Date Collected: 11/01/23 11:05**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:30 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:30 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:30 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:30 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:30 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 15:30* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL72b

**Lab Sample ID: 880-35345-37**
**Matrix: Solid**
**Date Collected: 11/01/23 11:05**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,4-Difluorobenzene (Surr)* | *77* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 15:30* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | mg/Kg | | | 11/11/23 15:30 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | mg/Kg | | | 11/14/23 02:22 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | mg/Kg | | 11/10/23 13:12 | 11/14/23 02:22 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | mg/Kg | | 11/10/23 13:12 | 11/14/23 02:22 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | mg/Kg | | 11/10/23 13:12 | 11/14/23 02:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *119* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 02:22* | *1* |
| *o-Terphenyl (Surr)* | *101* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 02:22* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | **76.9** | | 5.03 | mg/Kg | | | 11/11/23 19:25 | 1 |

## Client Sample ID: FL73b

**Lab Sample ID: 880-35345-38**
**Matrix: Solid**
**Date Collected: 11/01/23 11:10**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:51 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:51 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:51 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:51 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:51 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | mg/Kg | | 11/07/23 13:39 | 11/11/23 15:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 15:51* | *1* |
| *1,4-Difluorobenzene (Surr)* | *84* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 15:51* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | mg/Kg | | | 11/11/23 15:51 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.3 | U | 50.3 | mg/Kg | | | 11/14/23 02:44 | 1 |

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# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL73b

**Lab Sample ID: 880-35345-38**
**Matrix: Solid**
**Date Collected: 11/01/23 11:10**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.3 | U | 50.3 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 02:44 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.3 | U | 50.3 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 02:44 | 1 |
| OII Range Organics (Over C28-C36) | <50.3 | U | 50.3 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 02:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 02:44* | *1* |
| *o-Terphenyl (Surr)* | *96* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 02:44* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **69.1** | | 4.99 | | mg/Kg | | | 11/11/23 19:42 | 1 |

## Client Sample ID: FL74b

**Lab Sample ID: 880-35345-39**
**Matrix: Solid**
**Date Collected: 11/01/23 11:15**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 16:11 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 16:11 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 16:11 | 1 |
| m,p-Xylenes | <0.00401 | U | 0.00401 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 16:11 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 16:11 | 1 |
| Xylenes, Total | <0.00401 | U | 0.00401 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 16:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 16:11* | *1* |
| *1,4-Difluorobenzene (Surr)* | *99* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 16:11* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00401 | U | 0.00401 | | mg/Kg | | | 11/11/23 16:11 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.4 | U | 50.4 | | mg/Kg | | | 11/14/23 03:07 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.4 | U | 50.4 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 03:07 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.4 | U | 50.4 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 03:07 | 1 |
| OII Range Organics (Over C28-C36) | <50.4 | U | 50.4 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 03:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *126* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 03:07* | *1* |
| *o-Terphenyl (Surr)* | *104* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 03:07* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL74b

**Lab Sample ID: 880-35345-39**
**Matrix: Solid**
**Date Collected: 11/01/23 11:15**
**Date Received: 11/06/23 12:59**
**Sample Depth: 4.5'**

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 82.9 | | 5.03 | | mg/Kg | | | 11/11/23 19:48 | 1 |

## Client Sample ID: SW82

**Lab Sample ID: 880-35345-40**
**Matrix: Solid**
**Date Collected: 11/01/23 11:20**
**Date Received: 11/06/23 12:59**
**Sample Depth: 3'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 16:32 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 16:32 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 16:32 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 16:32 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 16:32 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 16:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *81* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 16:32* | *1* |
| *1,4-Difluorobenzene (Surr)* | *78* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 16:32* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 11/11/23 16:32 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.7 | U | 49.7 | | mg/Kg | | | 11/14/23 03:30 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.7 | U | 49.7 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 03:30 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.7 | U | 49.7 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 03:30 | 1 |
| OII Range Organics (Over C28-C36) | <49.7 | U | 49.7 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 03:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *103* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 03:30* | *1* |
| *o-Terphenyl (Surr)* | *87* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 03:30* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 7.62 | | 5.02 | | mg/Kg | | | 11/11/23 19:54 | 1 |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: SW83

**Lab Sample ID: 880-35345-41**
**Matrix: Solid**
**Date Collected: 11/01/23 11:25**
**Date Received: 11/06/23 12:59**
**Sample Depth: 3'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:38 | 11/11/23 19:43 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:38 | 11/11/23 19:43 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:38 | 11/11/23 19:43 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:38 | 11/11/23 19:43 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:38 | 11/11/23 19:43 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:38 | 11/11/23 19:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* | *11/07/23 13:38* | *11/11/23 19:43* | *1* |
| *1,4-Difluorobenzene (Surr)* | *110* | | *70 - 130* | *11/07/23 13:38* | *11/11/23 19:43* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | | mg/Kg | | | 11/11/23 19:43 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.9 | U | 49.9 | | mg/Kg | | | 11/14/23 04:15 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 49.9 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 04:15 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 04:15 | 1 |
| OII Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 04:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *125* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 04:15* | *1* |
| *o-Terphenyl (Surr)* | *105* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 04:15* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **7.13** | | 5.00 | | mg/Kg | | | 11/11/23 19:59 | 1 |

## Client Sample ID: SW84

**Lab Sample ID: 880-35345-42**
**Matrix: Solid**
**Date Collected: 11/01/23 11:30**
**Date Received: 11/06/23 12:59**
**Sample Depth: 3'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:38 | 11/11/23 20:03 | 1 |
| Toluene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:38 | 11/11/23 20:03 | 1 |
| Ethylbenzene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:38 | 11/11/23 20:03 | 1 |
| m,p-Xylenes | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:38 | 11/11/23 20:03 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 11/07/23 13:38 | 11/11/23 20:03 | 1 |
| Xylenes, Total | <0.00398 | U | 0.00398 | | mg/Kg | | 11/07/23 13:38 | 11/11/23 20:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* | *11/07/23 13:38* | *11/11/23 20:03* | *1* |

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: SW84

**Lab Sample ID: 880-35345-42**
**Matrix: Solid**
**Date Collected: 11/01/23 11:30**
**Date Received: 11/06/23 12:59**
**Sample Depth: 3'**

### Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *11/07/23 13:38* | *11/11/23 20:03* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00398 | U | 0.00398 | mg/Kg | | | 11/11/23 20:03 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <49.6 | U | 49.6 | mg/Kg | | | 11/14/23 04:37 | 1 |

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 49.6 | mg/Kg | | 11/10/23 13:12 | 11/14/23 04:37 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 49.6 | mg/Kg | | 11/10/23 13:12 | 11/14/23 04:37 | 1 |
| OII Range Organics (Over C28-C36) | <49.6 | U | 49.6 | mg/Kg | | 11/10/23 13:12 | 11/14/23 04:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *101* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 04:37* | *1* |
| *o-Terphenyl (Surr)* | *87* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 04:37* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | **8.19** | | 4.97 | mg/Kg | | | 11/11/23 20:16 | 1 |

## Client Sample ID: SW85

**Lab Sample ID: 880-35345-43**
**Matrix: Solid**
**Date Collected: 11/01/23 11:35**
**Date Received: 11/06/23 12:59**
**Sample Depth: 3'**

### Method: SW846 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 11/07/23 13:38 | 11/11/23 20:24 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 11/07/23 13:38 | 11/11/23 20:24 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 11/07/23 13:38 | 11/11/23 20:24 | 1 |
| m,p-Xylenes | <0.00399 | U | 0.00399 | mg/Kg | | 11/07/23 13:38 | 11/11/23 20:24 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 11/07/23 13:38 | 11/11/23 20:24 | 1 |
| Xylenes, Total | <0.00399 | U | 0.00399 | mg/Kg | | 11/07/23 13:38 | 11/11/23 20:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *70 - 130* | *11/07/23 13:38* | *11/11/23 20:24* | *1* |
| *1,4-Difluorobenzene (Surr)* | *111* | | *70 - 130* | *11/07/23 13:38* | *11/11/23 20:24* | *1* |

### Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total BTEX | <0.00399 | U | 0.00399 | mg/Kg | | | 11/11/23 20:24 | 1 |

### Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Total TPH | <50.0 | U | 50.0 | mg/Kg | | | 11/14/23 05:00 | 1 |

Eurofins Midland

# Client Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: SW85

**Date Collected: 11/01/23 11:35**
**Date Received: 11/06/23 12:59**
**Sample Depth: 3'**

## Lab Sample ID: 880-35345-43

**Matrix: Solid**

### Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 05:00 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 05:00 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 13:12 | 11/14/23 05:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *102* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 05:00* | *1* |
| *o-Terphenyl (Surr)* | *90* | | *70 - 130* | *11/10/23 13:12* | *11/14/23 05:00* | *1* |

### Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **6.92** | | 5.04 | | mg/Kg | | | 11/11/23 20:22 | 1 |

# Surrogate Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | BFB1 | DFBZ1 | | | | | | | | | | |
| Lab Sample ID | Client Sample ID | (70-130) | (70-130) | | | | | | | | | | |
| 880-35345-1 | FL211 | 78 | 106 | | | | | | | | | | |
| 880-35345-1 MS | FL211 | 104 | 129 | | | | | | | | | | |
| 880-35345-1 MSD | FL211 | 102 | 107 | | | | | | | | | | |
| 880-35345-2 | FL212 | 93 | 109 | | | | | | | | | | |
| 880-35345-3 | FL213 | 101 | 113 | | | | | | | | | | |
| 880-35345-4 | FL214 | 92 | 107 | | | | | | | | | | |
| 880-35345-5 | FL215 | 100 | 114 | | | | | | | | | | |
| 880-35345-6 | FL216 | 94 | 114 | | | | | | | | | | |
| 880-35345-7 | FL217 | 104 | 110 | | | | | | | | | | |
| 880-35345-8 | FL218 | 105 | 109 | | | | | | | | | | |
| 880-35345-9 | FL219 | 107 | 109 | | | | | | | | | | |
| 880-35345-10 | FL220 | 107 | 112 | | | | | | | | | | |
| 880-35345-11 | FL221 | 99 | 97 | | | | | | | | | | |
| 880-35345-12 | FL222 | 102 | 102 | | | | | | | | | | |
| 880-35345-13 | FL223 | 211 S1+ | 118 | | | | | | | | | | |
| 880-35345-14 | FL224 | 119 | 96 | | | | | | | | | | |
| 880-35345-15 | FL225 | 130 | 103 | | | | | | | | | | |
| 880-35345-16 | FL226 | 123 | 103 | | | | | | | | | | |
| 880-35345-17 | FL227 | 118 | 111 | | | | | | | | | | |
| 880-35345-18 | FL228 | 112 | 99 | | | | | | | | | | |
| 880-35345-19 | FL229 | 118 | 103 | | | | | | | | | | |
| 880-35345-20 | FL230 | 110 | 107 | | | | | | | | | | |
| 880-35345-21 | FL231 | 79 | 99 | | | | | | | | | | |
| 880-35345-21 MS | FL231 | 122 | 117 | | | | | | | | | | |
| 880-35345-21 MSD | FL231 | 115 | 113 | | | | | | | | | | |
| 880-35345-22 | FL232 | 110 | 100 | | | | | | | | | | |
| 880-35345-23 | FL233 | 82 | 69 S1- | | | | | | | | | | |
| 880-35345-24 | FL234 | 83 | 99 | | | | | | | | | | |
| 880-35345-25 | FL235 | 76 | 96 | | | | | | | | | | |
| 880-35345-26 | FL236 | 83 | 73 | | | | | | | | | | |
| 880-35345-27 | FL237 | 83 | 98 | | | | | | | | | | |
| 880-35345-28 | FL238 | 80 | 97 | | | | | | | | | | |
| 880-35345-29 | FL239 | 88 | 70 | | | | | | | | | | |
| 880-35345-30 | FL240 | 83 | 75 | | | | | | | | | | |
| 880-35345-31 | FL44b | 76 | 99 | | | | | | | | | | |
| 880-35345-32 | FL45b | 87 | 86 | | | | | | | | | | |
| 880-35345-33 | FL67b | 82 | 99 | | | | | | | | | | |
| 880-35345-34 | FL68b | 89 | 91 | | | | | | | | | | |
| 880-35345-35 | FL70b | 99 | 83 | | | | | | | | | | |
| 880-35345-36 | FL71b | 86 | 71 | | | | | | | | | | |
| 880-35345-37 | FL72b | 87 | 77 | | | | | | | | | | |
| 880-35345-38 | FL73b | 94 | 84 | | | | | | | | | | |
| 880-35345-39 | FL74b | 82 | 99 | | | | | | | | | | |
| 880-35345-40 | SW82 | 81 | 78 | | | | | | | | | | |
| 880-35345-41 | SW83 | 98 | 110 | | | | | | | | | | |
| 880-35345-42 | SW84 | 104 | 111 | | | | | | | | | | |
| 880-35345-43 | SW85 | 107 | 111 | | | | | | | | | | |
| LCS 880-66373/1-A | Lab Control Sample | 99 | 104 | | | | | | | | | | |
| LCS 880-66374/1-A | Lab Control Sample | 94 | 109 | | | | | | | | | | |

# Surrogate Summary

Client: Hungry Horse LLC Job ID: 880-35345-1
Project/Site: J3 Pit

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| Lab Sample ID | Client Sample ID | BFB1 (70-130) | DFBZ1 (70-130) |
| LCS 880-66375/1-A | Lab Control Sample | 116 | 127 |
| LCS 880-66532/1-A | Lab Control Sample | 103 | 103 |
| LCSD 880-66373/2-A | Lab Control Sample Dup | 100 | 105 |
| LCSD 880-66374/2-A | Lab Control Sample Dup | 105 | 105 |
| LCSD 880-66375/2-A | Lab Control Sample Dup | 115 | 122 |
| LCSD 880-66532/2-A | Lab Control Sample Dup | 113 | 100 |
| MB 880-66373/5-A | Method Blank | 118 | 141 S1+ |
| MB 880-66374/5-A | Method Blank | 112 | 148 S1+ |
| MB 880-66375/5-A | Method Blank | 70 | 102 |
| MB 880-66433/5-A | Method Blank | 72 | 103 |
| MB 880-66532/5-A | Method Blank | 109 | 142 S1+ |
| MB 880-66737/5-A | Method Blank | 111 | 140 S1+ |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) |
| 880-35345-1 | FL211 | 122 | 97 |
| 880-35345-2 | FL212 | 109 | 93 |
| 880-35345-3 | FL213 | 129 | 110 |
| 880-35345-4 | FL214 | 130 | 113 |
| 880-35345-5 | FL215 | 126 | 111 |
| 880-35345-6 | FL216 | 121 | 102 |
| 880-35345-7 | FL217 | 121 | 102 |
| 880-35345-8 | FL218 | 119 | 97 |
| 880-35345-9 | FL219 | 103 | 90 |
| 880-35345-10 | FL220 | 104 | 89 |
| 880-35345-11 | FL221 | 101 | 87 |
| 880-35345-11 MS | FL221 | 122 | 99 |
| 880-35345-11 MSD | FL221 | 129 | 103 |
| 880-35345-12 | FL222 | 115 | 102 |
| 880-35345-13 | FL223 | 126 | 108 |
| 880-35345-14 | FL224 | 104 | 88 |
| 880-35345-15 | FL225 | 111 | 94 |
| 880-35345-16 | FL226 | 112 | 97 |
| 880-35345-17 | FL227 | 96 | 83 |
| 880-35345-18 | FL228 | 89 | 79 |
| 880-35345-19 | FL229 | 98 | 84 |
| 880-35345-20 | FL230 | 121 | 103 |
| 880-35345-21 | FL231 | 125 | 107 |
| 880-35345-22 | FL232 | 106 | 88 |
| 880-35345-23 | FL233 | 118 | 100 |
| 880-35345-24 | FL234 | 105 | 92 |
| 880-35345-25 | FL235 | 121 | 106 |
| 880-35345-26 | FL236 | 123 | 107 |

# Surrogate Summary

Client: Hungry Horse LLC Job ID: 880-35345-1
Project/Site: J3 Pit

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

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | 1CO1 (70-130) | OTPH1 (70-130) | | | | | | | | |
| 880-35345-27 | FL237 | 108 | 93 | | | | | | | | |
| 880-35345-28 | FL238 | 98 | 87 | | | | | | | | |
| 880-35345-29 | FL239 | 111 | 94 | | | | | | | | |
| 880-35345-30 | FL240 | 103 | 94 | | | | | | | | |
| 880-35345-31 | FL44b | 116 | 108 | | | | | | | | |
| 880-35345-31 MS | FL44b | 113 | 95 | | | | | | | | |
| 880-35345-31 MSD | FL44b | 109 | 94 | | | | | | | | |
| 880-35345-32 | FL45b | 98 | 87 | | | | | | | | |
| 880-35345-33 | FL67b | 101 | 90 | | | | | | | | |
| 880-35345-34 | FL68b | 109 | 94 | | | | | | | | |
| 880-35345-35 | FL70b | 120 | 100 | | | | | | | | |
| 880-35345-36 | FL71b | 121 | 102 | | | | | | | | |
| 880-35345-37 | FL72b | 119 | 101 | | | | | | | | |
| 880-35345-38 | FL73b | 109 | 96 | | | | | | | | |
| 880-35345-39 | FL74b | 126 | 104 | | | | | | | | |
| 880-35345-40 | SW82 | 103 | 87 | | | | | | | | |
| 880-35345-41 | SW83 | 125 | 105 | | | | | | | | |
| 880-35345-42 | SW84 | 101 | 87 | | | | | | | | |
| 880-35345-43 | SW85 | 102 | 90 | | | | | | | | |
| LCS 880-66709/2-A | Lab Control Sample | 104 | 106 | | | | | | | | |
| LCS 880-66710/2-A | Lab Control Sample | 86 | 91 | | | | | | | | |
| LCS 880-66712/2-A | Lab Control Sample | 85 | 90 | | | | | | | | |
| LCSD 880-66709/3-A | Lab Control Sample Dup | 124 | 132 S1+ | | | | | | | | |
| LCSD 880-66710/3-A | Lab Control Sample Dup | 93 | 105 | | | | | | | | |
| LCSD 880-66712/3-A | Lab Control Sample Dup | 89 | 107 | | | | | | | | |
| MB 880-66709/1-A | Method Blank | 123 | 116 | | | | | | | | |
| MB 880-66710/1-A | Method Blank | 130 | 123 | | | | | | | | |
| MB 880-66712/1-A | Method Blank | 129 | 123 | | | | | | | | |

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

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

**Lab Sample ID: MB 880-66373/5-A**
**Matrix: Solid**
**Analysis Batch: 66479**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 66373**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 12:32 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 12:32 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 12:32 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 12:32 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 12:32 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 11/07/23 13:35 | 11/08/23 12:32 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *118* | | *70 - 130* | *11/07/23 13:35* | *11/08/23 12:32* | *1* |
| *1,4-Difluorobenzene (Surr)* | *141* | *S1+* | *70 - 130* | *11/07/23 13:35* | *11/08/23 12:32* | *1* |

**Lab Sample ID: LCS 880-66373/1-A**
**Matrix: Solid**
**Analysis Batch: 66479**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 66373**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1087 | | mg/Kg | | 109 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.08850 | | mg/Kg | | 89 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.08561 | | mg/Kg | | 86 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.1834 | | mg/Kg | | 92 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.09284 | | mg/Kg | | 93 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *104* | | *70 - 130* |

**Lab Sample ID: LCSD 880-66373/2-A**
**Matrix: Solid**
**Analysis Batch: 66479**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 66373**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1244 | | mg/Kg | | 124 | 70 - 130 | 13 | 35 |
| Toluene | | | 0.100 | 0.09879 | | mg/Kg | | 99 | 70 - 130 | 11 | 35 |
| Ethylbenzene | | | 0.100 | 0.09910 | | mg/Kg | | 99 | 70 - 130 | 15 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2159 | | mg/Kg | | 108 | 70 - 130 | 16 | 35 |
| o-Xylene | | | 0.100 | 0.1010 | | mg/Kg | | 101 | 70 - 130 | 8 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* |

**Lab Sample ID: 880-35345-1 MS**
**Matrix: Solid**
**Analysis Batch: 66479**

**Client Sample ID: FL211**
**Prep Type: Total/NA**
**Prep Batch: 66373**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.0998 | 0.1064 | | mg/Kg | | 107 | 70 - 130 | | |
| Toluene | <0.00199 | U | 0.0998 | 0.09092 | | mg/Kg | | 91 | 70 - 130 | | |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

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

**Lab Sample ID: 880-35345-1 MS**
**Matrix: Solid**
**Analysis Batch: 66479**

**Client Sample ID: FL211**
**Prep Type: Total/NA**
**Prep Batch: 66373**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | <0.00199 | U | 0.0998 | 0.08000 | | mg/Kg | | 80 | 70 - 130 |
| m,p-Xylenes | <0.00398 | U | 0.200 | 0.2080 | | mg/Kg | | 104 | 70 - 130 |
| o-Xylene | <0.00199 | U | 0.0998 | 0.07291 | | mg/Kg | | 73 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *129* | | *70 - 130* |

**Lab Sample ID: 880-35345-1 MSD**
**Matrix: Solid**
**Analysis Batch: 66479**

**Client Sample ID: FL211**
**Prep Type: Total/NA**
**Prep Batch: 66373**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00199 | U | 0.0996 | 0.1097 | | mg/Kg | | 110 | 70 - 130 | 3 | 35 |
| Toluene | <0.00199 | U | 0.0996 | 0.08986 | | mg/Kg | | 90 | 70 - 130 | 1 | 35 |
| Ethylbenzene | <0.00199 | U | 0.0996 | 0.08376 | | mg/Kg | | 84 | 70 - 130 | 5 | 35 |
| m,p-Xylenes | <0.00398 | U | 0.199 | 0.2066 | | mg/Kg | | 104 | 70 - 130 | 1 | 35 |
| o-Xylene | <0.00199 | U | 0.0996 | 0.1009 | | mg/Kg | | 101 | 70 - 130 | 32 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *107* | | *70 - 130* |

**Lab Sample ID: MB 880-66374/5-A**
**Matrix: Solid**
**Analysis Batch: 66684**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 66374**

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | mg/Kg | | 11/07/23 13:38 | 11/11/23 12:36 | 1 |
| Toluene | <0.00200 | U | 0.00200 | mg/Kg | | 11/07/23 13:38 | 11/11/23 12:36 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | mg/Kg | | 11/07/23 13:38 | 11/11/23 12:36 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | mg/Kg | | 11/07/23 13:38 | 11/11/23 12:36 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | mg/Kg | | 11/07/23 13:38 | 11/11/23 12:36 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | mg/Kg | | 11/07/23 13:38 | 11/11/23 12:36 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *112* | | *70 - 130* | *11/07/23 13:38* | *11/11/23 12:36* | *1* |
| *1,4-Difluorobenzene (Surr)* | *148* | *S1+* | *70 - 130* | *11/07/23 13:38* | *11/11/23 12:36* | *1* |

**Lab Sample ID: LCS 880-66374/1-A**
**Matrix: Solid**
**Analysis Batch: 66684**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 66374**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.100 | 0.1210 | | mg/Kg | | 121 | 70 - 130 |
| Toluene | 0.100 | 0.09759 | | mg/Kg | | 98 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.09011 | | mg/Kg | | 90 | 70 - 130 |
| m,p-Xylenes | 0.200 | 0.2039 | | mg/Kg | | 102 | 70 - 130 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

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

**Lab Sample ID: LCS 880-66374/1-A**
**Matrix: Solid**
**Analysis Batch: 66684**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 66374**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | | | 0.100 | 0.1001 | | mg/Kg | | 100 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *109* | | *70 - 130* |

**Lab Sample ID: LCSD 880-66374/2-A**
**Matrix: Solid**
**Analysis Batch: 66684**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 66374**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1181 | | mg/Kg | | 118 | 70 - 130 | 2 | 35 |
| Toluene | | | 0.100 | 0.09679 | | mg/Kg | | 97 | 70 - 130 | 1 | 35 |
| Ethylbenzene | | | 0.100 | 0.09554 | | mg/Kg | | 96 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2185 | | mg/Kg | | 109 | 70 - 130 | 7 | 35 |
| o-Xylene | | | 0.100 | 0.1055 | | mg/Kg | | 105 | 70 - 130 | 5 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *105* | | *70 - 130* |

**Lab Sample ID: MB 880-66375/5-A**
**Matrix: Solid**
**Analysis Batch: 66683**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 66375**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 08:36 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 08:36 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 08:36 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 08:36 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 08:36 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 11/07/23 13:39 | 11/11/23 08:36 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *70* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 08:36* | *1* |
| *1,4-Difluorobenzene (Surr)* | *102* | | *70 - 130* | *11/07/23 13:39* | *11/11/23 08:36* | *1* |

**Lab Sample ID: LCS 880-66375/1-A**
**Matrix: Solid**
**Analysis Batch: 66683**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 66375**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1292 | | mg/Kg | | 129 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.1123 | | mg/Kg | | 112 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.1088 | | mg/Kg | | 109 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.2325 | | mg/Kg | | 116 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.1131 | | mg/Kg | | 113 | 70 - 130 | | |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

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

**Lab Sample ID: LCS 880-66375/1-A**
**Matrix: Solid**
**Analysis Batch: 66683**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 66375**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 116 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 127 | | 70 - 130 |

**Lab Sample ID: LCSD 880-66375/2-A**
**Matrix: Solid**
**Analysis Batch: 66683**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 66375**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1162 | | mg/Kg | | 116 | 70 - 130 | 11 | 35 |
| Toluene | | | 0.100 | 0.1061 | | mg/Kg | | 106 | 70 - 130 | 6 | 35 |
| Ethylbenzene | | | 0.100 | 0.1023 | | mg/Kg | | 102 | 70 - 130 | 6 | 35 |
| m,p-Xylenes | | | 0.200 | 0.2217 | | mg/Kg | | 111 | 70 - 130 | 5 | 35 |
| o-Xylene | | | 0.100 | 0.1071 | | mg/Kg | | 107 | 70 - 130 | 5 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 115 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 122 | | 70 - 130 |

**Lab Sample ID: 880-35345-21 MS**
**Matrix: Solid**
**Analysis Batch: 66683**

**Client Sample ID: FL231**
**Prep Type: Total/NA**
**Prep Batch: 66375**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.0998 | 0.09520 | | mg/Kg | | 95 | 70 - 130 | | |
| Toluene | <0.00200 | U | 0.0998 | 0.09293 | | mg/Kg | | 93 | 70 - 130 | | |
| Ethylbenzene | <0.00200 | U | 0.0998 | 0.09394 | | mg/Kg | | 94 | 70 - 130 | | |
| m,p-Xylenes | <0.00401 | U | 0.200 | 0.1994 | | mg/Kg | | 100 | 70 - 130 | | |
| o-Xylene | <0.00200 | U | 0.0998 | 0.09703 | | mg/Kg | | 97 | 70 - 130 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 122 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 117 | | 70 - 130 |

**Lab Sample ID: 880-35345-21 MSD**
**Matrix: Solid**
**Analysis Batch: 66683**

**Client Sample ID: FL231**
**Prep Type: Total/NA**
**Prep Batch: 66375**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.0990 | 0.08176 | | mg/Kg | | 83 | 70 - 130 | 15 | 35 |
| Toluene | <0.00200 | U | 0.0990 | 0.08037 | | mg/Kg | | 81 | 70 - 130 | 15 | 35 |
| Ethylbenzene | <0.00200 | U | 0.0990 | 0.08055 | | mg/Kg | | 81 | 70 - 130 | 15 | 35 |
| m,p-Xylenes | <0.00401 | U | 0.198 | 0.1689 | | mg/Kg | | 85 | 70 - 130 | 17 | 35 |
| o-Xylene | <0.00200 | U | 0.0990 | 0.08311 | | mg/Kg | | 84 | 70 - 130 | 15 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| 4-Bromofluorobenzene (Surr) | 115 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 113 | | 70 - 130 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

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

**Lab Sample ID: MB 880-66433/5-A**
**Matrix: Solid**
**Analysis Batch: 66683**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 66433**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 15:52 | 11/10/23 21:57 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 15:52 | 11/10/23 21:57 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 15:52 | 11/10/23 21:57 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 11/07/23 15:52 | 11/10/23 21:57 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/07/23 15:52 | 11/10/23 21:57 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 11/07/23 15:52 | 11/10/23 21:57 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *72* | | *70 - 130* | *11/07/23 15:52* | *11/10/23 21:57* | *1* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* | *11/07/23 15:52* | *11/10/23 21:57* | *1* |

**Lab Sample ID: MB 880-66532/5-A**
**Matrix: Solid**
**Analysis Batch: 66684**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 66532**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 00:15 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 00:15 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 00:15 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 00:15 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 00:15 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 11/08/23 11:51 | 11/12/23 00:15 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *70 - 130* | *11/08/23 11:51* | *11/12/23 00:15* | *1* |
| *1,4-Difluorobenzene (Surr)* | *142* | *S1+* | *70 - 130* | *11/08/23 11:51* | *11/12/23 00:15* | *1* |

**Lab Sample ID: LCS 880-66532/1-A**
**Matrix: Solid**
**Analysis Batch: 66684**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 66532**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.09843 | | mg/Kg | | 98 | 70 - 130 | | |
| Toluene | | | 0.100 | 0.08510 | | mg/Kg | | 85 | 70 - 130 | | |
| Ethylbenzene | | | 0.100 | 0.07552 | | mg/Kg | | 76 | 70 - 130 | | |
| m,p-Xylenes | | | 0.200 | 0.1826 | | mg/Kg | | 91 | 70 - 130 | | |
| o-Xylene | | | 0.100 | 0.09127 | | mg/Kg | | 91 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *103* | | *70 - 130* |

**Lab Sample ID: LCSD 880-66532/2-A**
**Matrix: Solid**
**Analysis Batch: 66684**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 66532**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.100 | 0.1026 | | mg/Kg | | 103 | 70 - 130 | 4 | 35 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

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

**Lab Sample ID: LCSD 880-66532/2-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 66684** — **Prep Batch: 66532**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | | | 0.100 | 0.08948 | | mg/Kg | | 89 | 70 - 130 | 5 | 35 |
| Ethylbenzene | | | 0.100 | 0.08132 | | mg/Kg | | 81 | 70 - 130 | 7 | 35 |
| m,p-Xylenes | | | 0.200 | 0.1874 | | mg/Kg | | 94 | 70 - 130 | 3 | 35 |
| o-Xylene | | | 0.100 | 0.1014 | | mg/Kg | | 101 | 70 - 130 | 10 | 35 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *113* | | *70 - 130* |
| *1,4-Difluorobenzene (Surr)* | *100* | | *70 - 130* |

**Lab Sample ID: MB 880-66737/5-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 66684** — **Prep Batch: 66737**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/10/23 14:57 | 11/11/23 00:58 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/10/23 14:57 | 11/11/23 00:58 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/10/23 14:57 | 11/11/23 00:58 | 1 |
| m,p-Xylenes | <0.00400 | U | 0.00400 | | mg/Kg | | 11/10/23 14:57 | 11/11/23 00:58 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 11/10/23 14:57 | 11/11/23 00:58 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 11/10/23 14:57 | 11/11/23 00:58 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *111* | | *70 - 130* | *11/10/23 14:57* | *11/11/23 00:58* | *1* |
| *1,4-Difluorobenzene (Surr)* | *140* | *S1+* | *70 - 130* | *11/10/23 14:57* | *11/11/23 00:58* | *1* |

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

**Lab Sample ID: MB 880-66709/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 66786** — **Prep Batch: 66709**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 09:09 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 09:09 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 12:39 | 11/12/23 09:09 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *123* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 09:09* | *1* |
| *o-Terphenyl (Surr)* | *116* | | *70 - 130* | *11/10/23 12:39* | *11/12/23 09:09* | *1* |

**Lab Sample ID: LCS 880-66709/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Total/NA**
**Analysis Batch: 66786** — **Prep Batch: 66709**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 988.1 | | mg/Kg | | 99 | 70 - 130 | | |

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# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

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

**Lab Sample ID: LCS 880-66709/2-A**
**Matrix: Solid**
**Analysis Batch: 66786**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 66709**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1086 | | mg/Kg | | 109 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *104* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *106* | | *70 - 130* |

**Lab Sample ID: LCSD 880-66709/3-A**
**Matrix: Solid**
**Analysis Batch: 66786**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 66709**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 1088 | | mg/Kg | | 109 | 70 - 130 | 10 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 1254 | | mg/Kg | | 125 | 70 - 130 | 14 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *124* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *132* | *S1+* | *70 - 130* |

**Lab Sample ID: MB 880-66710/1-A**
**Matrix: Solid**
**Analysis Batch: 66799**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 66710**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 12:56 | 11/13/23 10:18 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 12:56 | 11/13/23 10:18 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 12:56 | 11/13/23 10:18 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1-Chlorooctane (Surr)* | *130* | | *70 - 130* | *11/10/23 12:56* | *11/13/23 10:18* | *1* |
| *o-Terphenyl (Surr)* | *123* | | *70 - 130* | *11/10/23 12:56* | *11/13/23 10:18* | *1* |

**Lab Sample ID: LCS 880-66710/2-A**
**Matrix: Solid**
**Analysis Batch: 66799**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 66710**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 988.0 | | mg/Kg | | 99 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 997.3 | | mg/Kg | | 100 | 70 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *86* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *91* | | *70 - 130* |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

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

**Lab Sample ID: LCSD 880-66710/3-A**
**Matrix: Solid**
**Analysis Batch: 66799**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 66710**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 951.0 | | mg/Kg | | 95 | 70 - 130 | 4 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 994.8 | | mg/Kg | | 99 | 70 - 130 | 0 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *93* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *105* | | *70 - 130* |

**Lab Sample ID: 880-35345-11 MS**
**Matrix: Solid**
**Analysis Batch: 66799**

**Client Sample ID: FL221**
**Prep Type: Total/NA**
**Prep Batch: 66710**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 1000 | 874.5 | | mg/Kg | | 85 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.6 | U F1 | 1000 | 1265 | | mg/Kg | | 126 | 70 - 130 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *122* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *99* | | *70 - 130* |

**Lab Sample ID: 880-35345-11 MSD**
**Matrix: Solid**
**Analysis Batch: 66799**

**Client Sample ID: FL221**
**Prep Type: Total/NA**
**Prep Batch: 66710**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 1000 | 957.7 | | mg/Kg | | 93 | 70 - 130 | 9 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U F1 | 1000 | 1340 | F1 | mg/Kg | | 134 | 70 - 130 | 6 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *129* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *103* | | *70 - 130* |

**Lab Sample ID: MB 880-66712/1-A**
**Matrix: Solid**
**Analysis Batch: 66799**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 66712**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 13:12 | 11/13/23 22:12 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 13:12 | 11/13/23 22:12 | 1 |
| OII Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 11/10/23 13:12 | 11/13/23 22:12 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

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

**Lab Sample ID: MB 880-66712/1-A**
**Matrix: Solid**
**Analysis Batch: 66799**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 66712**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1-Chlorooctane (Surr) | 129 | | 70 - 130 | 11/10/23 13:12 | 11/13/23 22:12 | 1 |
| o-Terphenyl (Surr) | 123 | | 70 - 130 | 11/10/23 13:12 | 11/13/23 22:12 | 1 |

**Lab Sample ID: LCS 880-66712/2-A**
**Matrix: Solid**
**Analysis Batch: 66799**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 66712**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 913.7 | | mg/Kg | | 91 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 983.1 | | mg/Kg | | 98 | 70 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 85 | | 70 - 130 |
| o-Terphenyl (Surr) | 90 | | 70 - 130 |

**Lab Sample ID: LCSD 880-66712/3-A**
**Matrix: Solid**
**Analysis Batch: 66799**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 66712**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | | | 1000 | 883.2 | | mg/Kg | | 88 | 70 - 130 | 3 | 20 |
| Diesel Range Organics (Over C10-C28) | | | 1000 | 990.4 | | mg/Kg | | 99 | 70 - 130 | 1 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 89 | | 70 - 130 |
| o-Terphenyl (Surr) | 107 | | 70 - 130 |

**Lab Sample ID: 880-35345-31 MS**
**Matrix: Solid**
**Analysis Batch: 66799**

**Client Sample ID: FL44b**
**Prep Type: Total/NA**
**Prep Batch: 66712**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 1010 | 1269 | | mg/Kg | | 123 | 70 - 130 | | |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 1010 | 1244 | | mg/Kg | | 121 | 70 - 130 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 1-Chlorooctane (Surr) | 113 | | 70 - 130 |
| o-Terphenyl (Surr) | 95 | | 70 - 130 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

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

**Lab Sample ID: 880-35345-31 MSD**
**Matrix: Solid**
**Analysis Batch: 66799**

**Client Sample ID: FL44b**
**Prep Type: Total/NA**
**Prep Batch: 66712**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C10 | <49.6 | U | 1010 | 1208 | | mg/Kg | | 117 | 70 - 130 | 5 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.6 | U | 1010 | 1245 | | mg/Kg | | 122 | 70 - 130 | 0 | 20 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1-Chlorooctane (Surr)* | *109* | | *70 - 130* |
| *o-Terphenyl (Surr)* | *94* | | *70 - 130* |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 880-66461/1-A**
**Matrix: Solid**
**Analysis Batch: 66741**

**Client Sample ID: Method Blank**
**Prep Type: Soluble**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 11/11/23 15:51 | 1 |

**Lab Sample ID: LCS 880-66461/2-A**
**Matrix: Solid**
**Analysis Batch: 66741**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 245.9 | | mg/Kg | | 98 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-66461/3-A**
**Matrix: Solid**
**Analysis Batch: 66741**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 245.6 | | mg/Kg | | 98 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-35345-17 MS**
**Matrix: Solid**
**Analysis Batch: 66741**

**Client Sample ID: FL227**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 72.6 | | 248 | 305.5 | | mg/Kg | | 94 | 90 - 110 | | |

**Lab Sample ID: 880-35345-17 MSD**
**Matrix: Solid**
**Analysis Batch: 66741**

**Client Sample ID: FL227**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 72.6 | | 248 | 305.8 | | mg/Kg | | 94 | 90 - 110 | 0 | 20 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: 880-35345-27 MS** — **Client Sample ID: FL237**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 66741**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 137 | | 249 | 380.7 | | mg/Kg | | 98 | 90 - 110 |

**Lab Sample ID: 880-35345-27 MSD** — **Client Sample ID: FL237**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 66741**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 137 | | 249 | 381.1 | | mg/Kg | | 98 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-66462/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 66742**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 11/11/23 19:08 | 1 |

**Lab Sample ID: LCS 880-66462/2-A** — **Client Sample ID: Lab Control Sample**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 66742**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 250 | 246.6 | | mg/Kg | | 99 | 90 - 110 |

**Lab Sample ID: LCSD 880-66462/3-A** — **Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 66742**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 250 | 247.3 | | mg/Kg | | 99 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-35345-37 MS** — **Client Sample ID: FL72b**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 66742**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 76.9 | | 252 | 325.0 | | mg/Kg | | 99 | 90 - 110 |

**Lab Sample ID: 880-35345-37 MSD** — **Client Sample ID: FL72b**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 66742**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 76.9 | | 252 | 325.1 | | mg/Kg | | 99 | 90 - 110 | 0 | 20 |

**Lab Sample ID: MB 880-66460/1-A** — **Client Sample ID: Method Blank**
**Matrix: Solid** — **Prep Type: Soluble**
**Analysis Batch: 66746**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <5.00 | U | 5.00 | | mg/Kg | | | 11/11/23 19:39 | 1 |

# QC Sample Results

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: LCS 880-66460/2-A**
**Matrix: Solid**
**Analysis Batch: 66746**

**Client Sample ID: Lab Control Sample**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 261.9 | | mg/Kg | | 105 | 90 - 110 | | |

**Lab Sample ID: LCSD 880-66460/3-A**
**Matrix: Solid**
**Analysis Batch: 66746**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Soluble**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | | | 250 | 261.6 | | mg/Kg | | 105 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-35345-1 MS**
**Matrix: Solid**
**Analysis Batch: 66746**

**Client Sample ID: FL211**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | <4.96 | U | 248 | 257.0 | | mg/Kg | | 102 | 90 - 110 | | |

**Lab Sample ID: 880-35345-1 MSD**
**Matrix: Solid**
**Analysis Batch: 66746**

**Client Sample ID: FL211**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | <4.96 | U | 248 | 258.0 | | mg/Kg | | 102 | 90 - 110 | 0 | 20 |

**Lab Sample ID: 880-35345-7 MS**
**Matrix: Solid**
**Analysis Batch: 66746**

**Client Sample ID: FL217**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 1130 | | 251 | 1332 | 4 | mg/Kg | | 81 | 90 - 110 | | |

**Lab Sample ID: 880-35345-7 MSD**
**Matrix: Solid**
**Analysis Batch: 66746**

**Client Sample ID: FL217**
**Prep Type: Soluble**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 1130 | | 251 | 1336 | 4 | mg/Kg | | 82 | 90 - 110 | 0 | 20 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## GC VOA

### Prep Batch: 66373

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-1 | FL211 | Total/NA | Solid | 5035 | |
| 880-35345-2 | FL212 | Total/NA | Solid | 5035 | |
| 880-35345-3 | FL213 | Total/NA | Solid | 5035 | |
| 880-35345-4 | FL214 | Total/NA | Solid | 5035 | |
| 880-35345-5 | FL215 | Total/NA | Solid | 5035 | |
| 880-35345-6 | FL216 | Total/NA | Solid | 5035 | |
| 880-35345-7 | FL217 | Total/NA | Solid | 5035 | |
| 880-35345-8 | FL218 | Total/NA | Solid | 5035 | |
| 880-35345-9 | FL219 | Total/NA | Solid | 5035 | |
| 880-35345-10 | FL220 | Total/NA | Solid | 5035 | |
| MB 880-66373/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-66373/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-66373/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-35345-1 MS | FL211 | Total/NA | Solid | 5035 | |
| 880-35345-1 MSD | FL211 | Total/NA | Solid | 5035 | |

### Prep Batch: 66374

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-41 | SW83 | Total/NA | Solid | 5035 | |
| 880-35345-42 | SW84 | Total/NA | Solid | 5035 | |
| 880-35345-43 | SW85 | Total/NA | Solid | 5035 | |
| MB 880-66374/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-66374/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-66374/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

### Prep Batch: 66375

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-21 | FL231 | Total/NA | Solid | 5035 | |
| 880-35345-22 | FL232 | Total/NA | Solid | 5035 | |
| 880-35345-23 | FL233 | Total/NA | Solid | 5035 | |
| 880-35345-24 | FL234 | Total/NA | Solid | 5035 | |
| 880-35345-25 | FL235 | Total/NA | Solid | 5035 | |
| 880-35345-26 | FL236 | Total/NA | Solid | 5035 | |
| 880-35345-27 | FL237 | Total/NA | Solid | 5035 | |
| 880-35345-28 | FL238 | Total/NA | Solid | 5035 | |
| 880-35345-29 | FL239 | Total/NA | Solid | 5035 | |
| 880-35345-30 | FL240 | Total/NA | Solid | 5035 | |
| 880-35345-31 | FL44b | Total/NA | Solid | 5035 | |
| 880-35345-32 | FL45b | Total/NA | Solid | 5035 | |
| 880-35345-33 | FL67b | Total/NA | Solid | 5035 | |
| 880-35345-34 | FL68b | Total/NA | Solid | 5035 | |
| 880-35345-35 | FL70b | Total/NA | Solid | 5035 | |
| 880-35345-36 | FL71b | Total/NA | Solid | 5035 | |
| 880-35345-37 | FL72b | Total/NA | Solid | 5035 | |
| 880-35345-38 | FL73b | Total/NA | Solid | 5035 | |
| 880-35345-39 | FL74b | Total/NA | Solid | 5035 | |
| 880-35345-40 | SW82 | Total/NA | Solid | 5035 | |
| MB 880-66375/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-66375/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-66375/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-35345-21 MS | FL231 | Total/NA | Solid | 5035 | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## GC VOA (Continued)

### Prep Batch: 66375 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-21 MSD | FL231 | Total/NA | Solid | 5035 | |

### Prep Batch: 66433

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-66433/5-A | Method Blank | Total/NA | Solid | 5035 | |

### Analysis Batch: 66479

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-1 | FL211 | Total/NA | Solid | 8021B | 66373 |
| 880-35345-2 | FL212 | Total/NA | Solid | 8021B | 66373 |
| 880-35345-3 | FL213 | Total/NA | Solid | 8021B | 66373 |
| 880-35345-4 | FL214 | Total/NA | Solid | 8021B | 66373 |
| 880-35345-5 | FL215 | Total/NA | Solid | 8021B | 66373 |
| 880-35345-6 | FL216 | Total/NA | Solid | 8021B | 66373 |
| 880-35345-7 | FL217 | Total/NA | Solid | 8021B | 66373 |
| 880-35345-8 | FL218 | Total/NA | Solid | 8021B | 66373 |
| 880-35345-9 | FL219 | Total/NA | Solid | 8021B | 66373 |
| 880-35345-10 | FL220 | Total/NA | Solid | 8021B | 66373 |
| MB 880-66373/5-A | Method Blank | Total/NA | Solid | 8021B | 66373 |
| LCS 880-66373/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 66373 |
| LCSD 880-66373/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 66373 |
| 880-35345-1 MS | FL211 | Total/NA | Solid | 8021B | 66373 |
| 880-35345-1 MSD | FL211 | Total/NA | Solid | 8021B | 66373 |

### Prep Batch: 66532

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-11 | FL221 | Total/NA | Solid | 5035 | |
| 880-35345-12 | FL222 | Total/NA | Solid | 5035 | |
| 880-35345-13 | FL223 | Total/NA | Solid | 5035 | |
| 880-35345-14 | FL224 | Total/NA | Solid | 5035 | |
| 880-35345-15 | FL225 | Total/NA | Solid | 5035 | |
| 880-35345-16 | FL226 | Total/NA | Solid | 5035 | |
| 880-35345-17 | FL227 | Total/NA | Solid | 5035 | |
| 880-35345-18 | FL228 | Total/NA | Solid | 5035 | |
| 880-35345-19 | FL229 | Total/NA | Solid | 5035 | |
| 880-35345-20 | FL230 | Total/NA | Solid | 5035 | |
| MB 880-66532/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-66532/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-66532/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |

### Analysis Batch: 66615

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-1 | FL211 | Total/NA | Solid | Total BTEX | |
| 880-35345-2 | FL212 | Total/NA | Solid | Total BTEX | |
| 880-35345-3 | FL213 | Total/NA | Solid | Total BTEX | |
| 880-35345-4 | FL214 | Total/NA | Solid | Total BTEX | |
| 880-35345-5 | FL215 | Total/NA | Solid | Total BTEX | |
| 880-35345-6 | FL216 | Total/NA | Solid | Total BTEX | |
| 880-35345-7 | FL217 | Total/NA | Solid | Total BTEX | |
| 880-35345-8 | FL218 | Total/NA | Solid | Total BTEX | |
| 880-35345-9 | FL219 | Total/NA | Solid | Total BTEX | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## GC VOA (Continued)

### Analysis Batch: 66615 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-10 | FL220 | Total/NA | Solid | Total BTEX | |
| 880-35345-11 | FL221 | Total/NA | Solid | Total BTEX | |
| 880-35345-12 | FL222 | Total/NA | Solid | Total BTEX | |
| 880-35345-13 | FL223 | Total/NA | Solid | Total BTEX | |
| 880-35345-14 | FL224 | Total/NA | Solid | Total BTEX | |
| 880-35345-15 | FL225 | Total/NA | Solid | Total BTEX | |
| 880-35345-16 | FL226 | Total/NA | Solid | Total BTEX | |
| 880-35345-17 | FL227 | Total/NA | Solid | Total BTEX | |
| 880-35345-18 | FL228 | Total/NA | Solid | Total BTEX | |
| 880-35345-19 | FL229 | Total/NA | Solid | Total BTEX | |
| 880-35345-20 | FL230 | Total/NA | Solid | Total BTEX | |
| 880-35345-21 | FL231 | Total/NA | Solid | Total BTEX | |
| 880-35345-22 | FL232 | Total/NA | Solid | Total BTEX | |
| 880-35345-23 | FL233 | Total/NA | Solid | Total BTEX | |
| 880-35345-24 | FL234 | Total/NA | Solid | Total BTEX | |
| 880-35345-25 | FL235 | Total/NA | Solid | Total BTEX | |
| 880-35345-26 | FL236 | Total/NA | Solid | Total BTEX | |
| 880-35345-27 | FL237 | Total/NA | Solid | Total BTEX | |
| 880-35345-28 | FL238 | Total/NA | Solid | Total BTEX | |
| 880-35345-29 | FL239 | Total/NA | Solid | Total BTEX | |
| 880-35345-30 | FL240 | Total/NA | Solid | Total BTEX | |
| 880-35345-31 | FL44b | Total/NA | Solid | Total BTEX | |
| 880-35345-32 | FL45b | Total/NA | Solid | Total BTEX | |
| 880-35345-33 | FL67b | Total/NA | Solid | Total BTEX | |
| 880-35345-34 | FL68b | Total/NA | Solid | Total BTEX | |
| 880-35345-35 | FL70b | Total/NA | Solid | Total BTEX | |
| 880-35345-36 | FL71b | Total/NA | Solid | Total BTEX | |
| 880-35345-37 | FL72b | Total/NA | Solid | Total BTEX | |
| 880-35345-38 | FL73b | Total/NA | Solid | Total BTEX | |
| 880-35345-39 | FL74b | Total/NA | Solid | Total BTEX | |
| 880-35345-40 | SW82 | Total/NA | Solid | Total BTEX | |
| 880-35345-41 | SW83 | Total/NA | Solid | Total BTEX | |
| 880-35345-42 | SW84 | Total/NA | Solid | Total BTEX | |
| 880-35345-43 | SW85 | Total/NA | Solid | Total BTEX | |

### Analysis Batch: 66683

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-21 | FL231 | Total/NA | Solid | 8021B | 66375 |
| 880-35345-22 | FL232 | Total/NA | Solid | 8021B | 66375 |
| 880-35345-23 | FL233 | Total/NA | Solid | 8021B | 66375 |
| 880-35345-24 | FL234 | Total/NA | Solid | 8021B | 66375 |
| 880-35345-25 | FL235 | Total/NA | Solid | 8021B | 66375 |
| 880-35345-26 | FL236 | Total/NA | Solid | 8021B | 66375 |
| 880-35345-27 | FL237 | Total/NA | Solid | 8021B | 66375 |
| 880-35345-28 | FL238 | Total/NA | Solid | 8021B | 66375 |
| 880-35345-29 | FL239 | Total/NA | Solid | 8021B | 66375 |
| 880-35345-30 | FL240 | Total/NA | Solid | 8021B | 66375 |
| 880-35345-31 | FL44b | Total/NA | Solid | 8021B | 66375 |
| 880-35345-32 | FL45b | Total/NA | Solid | 8021B | 66375 |
| 880-35345-33 | FL67b | Total/NA | Solid | 8021B | 66375 |
| 880-35345-34 | FL68b | Total/NA | Solid | 8021B | 66375 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## GC VOA (Continued)

### Analysis Batch: 66683 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-35 | FL70b | Total/NA | Solid | 8021B | 66375 |
| 880-35345-36 | FL71b | Total/NA | Solid | 8021B | 66375 |
| 880-35345-37 | FL72b | Total/NA | Solid | 8021B | 66375 |
| 880-35345-38 | FL73b | Total/NA | Solid | 8021B | 66375 |
| 880-35345-39 | FL74b | Total/NA | Solid | 8021B | 66375 |
| 880-35345-40 | SW82 | Total/NA | Solid | 8021B | 66375 |
| MB 880-66375/5-A | Method Blank | Total/NA | Solid | 8021B | 66375 |
| MB 880-66433/5-A | Method Blank | Total/NA | Solid | 8021B | 66433 |
| LCS 880-66375/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 66375 |
| LCSD 880-66375/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 66375 |
| 880-35345-21 MS | FL231 | Total/NA | Solid | 8021B | 66375 |
| 880-35345-21 MSD | FL231 | Total/NA | Solid | 8021B | 66375 |

### Analysis Batch: 66684

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-11 | FL221 | Total/NA | Solid | 8021B | 66532 |
| 880-35345-12 | FL222 | Total/NA | Solid | 8021B | 66532 |
| 880-35345-13 | FL223 | Total/NA | Solid | 8021B | 66532 |
| 880-35345-14 | FL224 | Total/NA | Solid | 8021B | 66532 |
| 880-35345-15 | FL225 | Total/NA | Solid | 8021B | 66532 |
| 880-35345-16 | FL226 | Total/NA | Solid | 8021B | 66532 |
| 880-35345-17 | FL227 | Total/NA | Solid | 8021B | 66532 |
| 880-35345-18 | FL228 | Total/NA | Solid | 8021B | 66532 |
| 880-35345-19 | FL229 | Total/NA | Solid | 8021B | 66532 |
| 880-35345-20 | FL230 | Total/NA | Solid | 8021B | 66532 |
| 880-35345-41 | SW83 | Total/NA | Solid | 8021B | 66374 |
| 880-35345-42 | SW84 | Total/NA | Solid | 8021B | 66374 |
| 880-35345-43 | SW85 | Total/NA | Solid | 8021B | 66374 |
| MB 880-66374/5-A | Method Blank | Total/NA | Solid | 8021B | 66374 |
| MB 880-66532/5-A | Method Blank | Total/NA | Solid | 8021B | 66532 |
| MB 880-66737/5-A | Method Blank | Total/NA | Solid | 8021B | 66737 |
| LCS 880-66374/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 66374 |
| LCS 880-66532/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 66532 |
| LCSD 880-66374/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 66374 |
| LCSD 880-66532/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 66532 |

### Prep Batch: 66737

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 880-66737/5-A | Method Blank | Total/NA | Solid | 5035 | |

## GC Semi VOA

### Prep Batch: 66709

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-1 | FL211 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-2 | FL212 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-3 | FL213 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-4 | FL214 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-5 | FL215 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-6 | FL216 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-7 | FL217 | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## GC Semi VOA (Continued)

### Prep Batch: 66709 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-8 | FL218 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-9 | FL219 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-10 | FL220 | Total/NA | Solid | 8015NM Prep | |
| MB 880-66709/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-66709/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-66709/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 66710

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-11 | FL221 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-12 | FL222 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-13 | FL223 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-14 | FL224 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-15 | FL225 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-16 | FL226 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-17 | FL227 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-18 | FL228 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-19 | FL229 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-20 | FL230 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-21 | FL231 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-22 | FL232 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-23 | FL233 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-24 | FL234 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-25 | FL235 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-26 | FL236 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-27 | FL237 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-28 | FL238 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-29 | FL239 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-30 | FL240 | Total/NA | Solid | 8015NM Prep | |
| MB 880-66710/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-66710/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-66710/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-35345-11 MS | FL221 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-11 MSD | FL221 | Total/NA | Solid | 8015NM Prep | |

### Prep Batch: 66712

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-31 | FL44b | Total/NA | Solid | 8015NM Prep | |
| 880-35345-32 | FL45b | Total/NA | Solid | 8015NM Prep | |
| 880-35345-33 | FL67b | Total/NA | Solid | 8015NM Prep | |
| 880-35345-34 | FL68b | Total/NA | Solid | 8015NM Prep | |
| 880-35345-35 | FL70b | Total/NA | Solid | 8015NM Prep | |
| 880-35345-36 | FL71b | Total/NA | Solid | 8015NM Prep | |
| 880-35345-37 | FL72b | Total/NA | Solid | 8015NM Prep | |
| 880-35345-38 | FL73b | Total/NA | Solid | 8015NM Prep | |
| 880-35345-39 | FL74b | Total/NA | Solid | 8015NM Prep | |
| 880-35345-40 | SW82 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-41 | SW83 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-42 | SW84 | Total/NA | Solid | 8015NM Prep | |
| 880-35345-43 | SW85 | Total/NA | Solid | 8015NM Prep | |
| MB 880-66712/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## GC Semi VOA (Continued)

### Prep Batch: 66712 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LCS 880-66712/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-66712/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-35345-31 MS | FL44b | Total/NA | Solid | 8015NM Prep | |
| 880-35345-31 MSD | FL44b | Total/NA | Solid | 8015NM Prep | |

### Analysis Batch: 66786

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-1 | FL211 | Total/NA | Solid | 8015B NM | 66709 |
| 880-35345-2 | FL212 | Total/NA | Solid | 8015B NM | 66709 |
| 880-35345-3 | FL213 | Total/NA | Solid | 8015B NM | 66709 |
| 880-35345-4 | FL214 | Total/NA | Solid | 8015B NM | 66709 |
| 880-35345-5 | FL215 | Total/NA | Solid | 8015B NM | 66709 |
| 880-35345-6 | FL216 | Total/NA | Solid | 8015B NM | 66709 |
| 880-35345-7 | FL217 | Total/NA | Solid | 8015B NM | 66709 |
| 880-35345-8 | FL218 | Total/NA | Solid | 8015B NM | 66709 |
| 880-35345-9 | FL219 | Total/NA | Solid | 8015B NM | 66709 |
| 880-35345-10 | FL220 | Total/NA | Solid | 8015B NM | 66709 |
| MB 880-66709/1-A | Method Blank | Total/NA | Solid | 8015B NM | 66709 |
| LCS 880-66709/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 66709 |
| LCSD 880-66709/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 66709 |

### Analysis Batch: 66799

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-11 | FL221 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-12 | FL222 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-13 | FL223 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-14 | FL224 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-15 | FL225 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-16 | FL226 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-17 | FL227 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-18 | FL228 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-19 | FL229 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-20 | FL230 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-21 | FL231 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-22 | FL232 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-23 | FL233 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-24 | FL234 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-25 | FL235 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-26 | FL236 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-27 | FL237 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-28 | FL238 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-29 | FL239 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-30 | FL240 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-31 | FL44b | Total/NA | Solid | 8015B NM | 66712 |
| 880-35345-32 | FL45b | Total/NA | Solid | 8015B NM | 66712 |
| 880-35345-33 | FL67b | Total/NA | Solid | 8015B NM | 66712 |
| 880-35345-34 | FL68b | Total/NA | Solid | 8015B NM | 66712 |
| 880-35345-35 | FL70b | Total/NA | Solid | 8015B NM | 66712 |
| 880-35345-36 | FL71b | Total/NA | Solid | 8015B NM | 66712 |
| 880-35345-37 | FL72b | Total/NA | Solid | 8015B NM | 66712 |
| 880-35345-38 | FL73b | Total/NA | Solid | 8015B NM | 66712 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## GC Semi VOA (Continued)

### Analysis Batch: 66799 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-39 | FL74b | Total/NA | Solid | 8015B NM | 66712 |
| 880-35345-40 | SW82 | Total/NA | Solid | 8015B NM | 66712 |
| 880-35345-41 | SW83 | Total/NA | Solid | 8015B NM | 66712 |
| 880-35345-42 | SW84 | Total/NA | Solid | 8015B NM | 66712 |
| 880-35345-43 | SW85 | Total/NA | Solid | 8015B NM | 66712 |
| MB 880-66710/1-A | Method Blank | Total/NA | Solid | 8015B NM | 66710 |
| MB 880-66712/1-A | Method Blank | Total/NA | Solid | 8015B NM | 66712 |
| LCS 880-66710/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 66710 |
| LCS 880-66712/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 66712 |
| LCSD 880-66710/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 66710 |
| LCSD 880-66712/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 66712 |
| 880-35345-11 MS | FL221 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-11 MSD | FL221 | Total/NA | Solid | 8015B NM | 66710 |
| 880-35345-31 MS | FL44b | Total/NA | Solid | 8015B NM | 66712 |
| 880-35345-31 MSD | FL44b | Total/NA | Solid | 8015B NM | 66712 |

### Analysis Batch: 66843

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-1 | FL211 | Total/NA | Solid | 8015 NM | |
| 880-35345-2 | FL212 | Total/NA | Solid | 8015 NM | |
| 880-35345-3 | FL213 | Total/NA | Solid | 8015 NM | |
| 880-35345-4 | FL214 | Total/NA | Solid | 8015 NM | |
| 880-35345-5 | FL215 | Total/NA | Solid | 8015 NM | |
| 880-35345-6 | FL216 | Total/NA | Solid | 8015 NM | |
| 880-35345-7 | FL217 | Total/NA | Solid | 8015 NM | |
| 880-35345-8 | FL218 | Total/NA | Solid | 8015 NM | |
| 880-35345-9 | FL219 | Total/NA | Solid | 8015 NM | |
| 880-35345-10 | FL220 | Total/NA | Solid | 8015 NM | |
| 880-35345-11 | FL221 | Total/NA | Solid | 8015 NM | |
| 880-35345-12 | FL222 | Total/NA | Solid | 8015 NM | |
| 880-35345-13 | FL223 | Total/NA | Solid | 8015 NM | |
| 880-35345-14 | FL224 | Total/NA | Solid | 8015 NM | |
| 880-35345-15 | FL225 | Total/NA | Solid | 8015 NM | |
| 880-35345-16 | FL226 | Total/NA | Solid | 8015 NM | |
| 880-35345-17 | FL227 | Total/NA | Solid | 8015 NM | |
| 880-35345-18 | FL228 | Total/NA | Solid | 8015 NM | |
| 880-35345-19 | FL229 | Total/NA | Solid | 8015 NM | |
| 880-35345-20 | FL230 | Total/NA | Solid | 8015 NM | |
| 880-35345-21 | FL231 | Total/NA | Solid | 8015 NM | |
| 880-35345-22 | FL232 | Total/NA | Solid | 8015 NM | |
| 880-35345-23 | FL233 | Total/NA | Solid | 8015 NM | |
| 880-35345-24 | FL234 | Total/NA | Solid | 8015 NM | |
| 880-35345-25 | FL235 | Total/NA | Solid | 8015 NM | |
| 880-35345-26 | FL236 | Total/NA | Solid | 8015 NM | |
| 880-35345-27 | FL237 | Total/NA | Solid | 8015 NM | |
| 880-35345-28 | FL238 | Total/NA | Solid | 8015 NM | |
| 880-35345-29 | FL239 | Total/NA | Solid | 8015 NM | |
| 880-35345-30 | FL240 | Total/NA | Solid | 8015 NM | |
| 880-35345-31 | FL44b | Total/NA | Solid | 8015 NM | |
| 880-35345-32 | FL45b | Total/NA | Solid | 8015 NM | |
| 880-35345-33 | FL67b | Total/NA | Solid | 8015 NM | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## GC Semi VOA (Continued)

### Analysis Batch: 66843 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-34 | FL68b | Total/NA | Solid | 8015 NM | |
| 880-35345-35 | FL70b | Total/NA | Solid | 8015 NM | |
| 880-35345-36 | FL71b | Total/NA | Solid | 8015 NM | |
| 880-35345-37 | FL72b | Total/NA | Solid | 8015 NM | |
| 880-35345-38 | FL73b | Total/NA | Solid | 8015 NM | |
| 880-35345-39 | FL74b | Total/NA | Solid | 8015 NM | |
| 880-35345-40 | SW82 | Total/NA | Solid | 8015 NM | |
| 880-35345-41 | SW83 | Total/NA | Solid | 8015 NM | |
| 880-35345-42 | SW84 | Total/NA | Solid | 8015 NM | |
| 880-35345-43 | SW85 | Total/NA | Solid | 8015 NM | |

## HPLC/IC

### Leach Batch: 66460

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-1 | FL211 | Soluble | Solid | DI Leach | |
| 880-35345-2 | FL212 | Soluble | Solid | DI Leach | |
| 880-35345-3 | FL213 | Soluble | Solid | DI Leach | |
| 880-35345-4 | FL214 | Soluble | Solid | DI Leach | |
| 880-35345-5 | FL215 | Soluble | Solid | DI Leach | |
| 880-35345-6 | FL216 | Soluble | Solid | DI Leach | |
| 880-35345-7 | FL217 | Soluble | Solid | DI Leach | |
| 880-35345-8 | FL218 | Soluble | Solid | DI Leach | |
| 880-35345-9 | FL219 | Soluble | Solid | DI Leach | |
| 880-35345-10 | FL220 | Soluble | Solid | DI Leach | |
| 880-35345-11 | FL221 | Soluble | Solid | DI Leach | |
| 880-35345-12 | FL222 | Soluble | Solid | DI Leach | |
| 880-35345-13 | FL223 | Soluble | Solid | DI Leach | |
| 880-35345-14 | FL224 | Soluble | Solid | DI Leach | |
| 880-35345-15 | FL225 | Soluble | Solid | DI Leach | |
| 880-35345-16 | FL226 | Soluble | Solid | DI Leach | |
| MB 880-66460/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-66460/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-66460/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-35345-1 MS | FL211 | Soluble | Solid | DI Leach | |
| 880-35345-1 MSD | FL211 | Soluble | Solid | DI Leach | |
| 880-35345-7 MS | FL217 | Soluble | Solid | DI Leach | |
| 880-35345-7 MSD | FL217 | Soluble | Solid | DI Leach | |

### Leach Batch: 66461

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-17 | FL227 | Soluble | Solid | DI Leach | |
| 880-35345-18 | FL228 | Soluble | Solid | DI Leach | |
| 880-35345-19 | FL229 | Soluble | Solid | DI Leach | |
| 880-35345-20 | FL230 | Soluble | Solid | DI Leach | |
| 880-35345-21 | FL231 | Soluble | Solid | DI Leach | |
| 880-35345-22 | FL232 | Soluble | Solid | DI Leach | |
| 880-35345-23 | FL233 | Soluble | Solid | DI Leach | |
| 880-35345-24 | FL234 | Soluble | Solid | DI Leach | |
| 880-35345-25 | FL235 | Soluble | Solid | DI Leach | |
| 880-35345-26 | FL236 | Soluble | Solid | DI Leach | |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## HPLC/IC (Continued)

### Leach Batch: 66461 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-27 | FL237 | Soluble | Solid | DI Leach | |
| 880-35345-28 | FL238 | Soluble | Solid | DI Leach | |
| 880-35345-29 | FL239 | Soluble | Solid | DI Leach | |
| 880-35345-30 | FL240 | Soluble | Solid | DI Leach | |
| 880-35345-31 | FL44b | Soluble | Solid | DI Leach | |
| 880-35345-32 | FL45b | Soluble | Solid | DI Leach | |
| 880-35345-33 | FL67b | Soluble | Solid | DI Leach | |
| 880-35345-34 | FL68b | Soluble | Solid | DI Leach | |
| 880-35345-35 | FL70b | Soluble | Solid | DI Leach | |
| 880-35345-36 | FL71b | Soluble | Solid | DI Leach | |
| MB 880-66461/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-66461/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-66461/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-35345-17 MS | FL227 | Soluble | Solid | DI Leach | |
| 880-35345-17 MSD | FL227 | Soluble | Solid | DI Leach | |
| 880-35345-27 MS | FL237 | Soluble | Solid | DI Leach | |
| 880-35345-27 MSD | FL237 | Soluble | Solid | DI Leach | |

### Leach Batch: 66462

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-37 | FL72b | Soluble | Solid | DI Leach | |
| 880-35345-38 | FL73b | Soluble | Solid | DI Leach | |
| 880-35345-39 | FL74b | Soluble | Solid | DI Leach | |
| 880-35345-40 | SW82 | Soluble | Solid | DI Leach | |
| 880-35345-41 | SW83 | Soluble | Solid | DI Leach | |
| 880-35345-42 | SW84 | Soluble | Solid | DI Leach | |
| 880-35345-43 | SW85 | Soluble | Solid | DI Leach | |
| MB 880-66462/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-66462/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-66462/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 880-35345-37 MS | FL72b | Soluble | Solid | DI Leach | |
| 880-35345-37 MSD | FL72b | Soluble | Solid | DI Leach | |

### Analysis Batch: 66741

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-17 | FL227 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-18 | FL228 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-19 | FL229 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-20 | FL230 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-21 | FL231 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-22 | FL232 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-23 | FL233 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-24 | FL234 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-25 | FL235 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-26 | FL236 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-27 | FL237 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-28 | FL238 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-29 | FL239 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-30 | FL240 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-31 | FL44b | Soluble | Solid | 300.0 | 66461 |
| 880-35345-32 | FL45b | Soluble | Solid | 300.0 | 66461 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## HPLC/IC (Continued)

### Analysis Batch: 66741 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-33 | FL67b | Soluble | Solid | 300.0 | 66461 |
| 880-35345-34 | FL68b | Soluble | Solid | 300.0 | 66461 |
| 880-35345-35 | FL70b | Soluble | Solid | 300.0 | 66461 |
| 880-35345-36 | FL71b | Soluble | Solid | 300.0 | 66461 |
| MB 880-66461/1-A | Method Blank | Soluble | Solid | 300.0 | 66461 |
| LCS 880-66461/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 66461 |
| LCSD 880-66461/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 66461 |
| 880-35345-17 MS | FL227 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-17 MSD | FL227 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-27 MS | FL237 | Soluble | Solid | 300.0 | 66461 |
| 880-35345-27 MSD | FL237 | Soluble | Solid | 300.0 | 66461 |

### Analysis Batch: 66742

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-37 | FL72b | Soluble | Solid | 300.0 | 66462 |
| 880-35345-38 | FL73b | Soluble | Solid | 300.0 | 66462 |
| 880-35345-39 | FL74b | Soluble | Solid | 300.0 | 66462 |
| 880-35345-40 | SW82 | Soluble | Solid | 300.0 | 66462 |
| 880-35345-41 | SW83 | Soluble | Solid | 300.0 | 66462 |
| 880-35345-42 | SW84 | Soluble | Solid | 300.0 | 66462 |
| 880-35345-43 | SW85 | Soluble | Solid | 300.0 | 66462 |
| MB 880-66462/1-A | Method Blank | Soluble | Solid | 300.0 | 66462 |
| LCS 880-66462/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 66462 |
| LCSD 880-66462/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 66462 |
| 880-35345-37 MS | FL72b | Soluble | Solid | 300.0 | 66462 |
| 880-35345-37 MSD | FL72b | Soluble | Solid | 300.0 | 66462 |

### Analysis Batch: 66746

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-1 | FL211 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-2 | FL212 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-3 | FL213 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-4 | FL214 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-5 | FL215 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-6 | FL216 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-7 | FL217 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-8 | FL218 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-9 | FL219 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-10 | FL220 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-11 | FL221 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-12 | FL222 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-13 | FL223 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-14 | FL224 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-15 | FL225 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-16 | FL226 | Soluble | Solid | 300.0 | 66460 |
| MB 880-66460/1-A | Method Blank | Soluble | Solid | 300.0 | 66460 |
| LCS 880-66460/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 66460 |
| LCSD 880-66460/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 66460 |
| 880-35345-1 MS | FL211 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-1 MSD | FL211 | Soluble | Solid | 300.0 | 66460 |
| 880-35345-7 MS | FL217 | Soluble | Solid | 300.0 | 66460 |

# QC Association Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## HPLC/IC (Continued)

### Analysis Batch: 66746 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 880-35345-7 MSD | FL217 | Soluble | Solid | 300.0 | 66460 |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL211

**Lab Sample ID: 880-35345-1**
**Matrix: Solid**
**Date Collected: 11/01/23 08:00**
**Date Received: 11/06/23 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 66373 | 11/07/23 13:35 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66479 | 11/08/23 13:01 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/08/23 13:01 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/12/23 19:25 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 66709 | 11/10/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66786 | 11/12/23 19:25 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.04 g | 50 mL | 66460 | 11/07/23 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66746 | 11/11/23 19:56 | CH | EET MID |

## Client Sample ID: FL212

**Lab Sample ID: 880-35345-2**
**Matrix: Solid**
**Date Collected: 11/01/23 08:05**
**Date Received: 11/06/23 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 66373 | 11/07/23 13:35 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66479 | 11/08/23 13:22 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/08/23 13:22 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/12/23 19:48 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 66709 | 11/10/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66786 | 11/12/23 19:48 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 66460 | 11/07/23 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66746 | 11/11/23 20:47 | CH | EET MID |

## Client Sample ID: FL213

**Lab Sample ID: 880-35345-3**
**Matrix: Solid**
**Date Collected: 11/01/23 08:10**
**Date Received: 11/06/23 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 66373 | 11/07/23 13:35 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66479 | 11/08/23 13:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/08/23 13:42 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/12/23 20:11 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.07 g | 10 mL | 66709 | 11/10/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66786 | 11/12/23 20:11 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 66460 | 11/07/23 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66746 | 11/11/23 20:53 | CH | EET MID |

## Client Sample ID: FL214

**Lab Sample ID: 880-35345-4**
**Matrix: Solid**
**Date Collected: 11/01/23 08:15**
**Date Received: 11/06/23 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 66373 | 11/07/23 13:35 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66479 | 11/08/23 14:03 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/08/23 14:03 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL214

**Lab Sample ID: 880-35345-4**
**Matrix: Solid**
**Date Collected: 11/01/23 08:15**
**Date Received: 11/06/23 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/12/23 20:33 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 66709 | 11/10/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66786 | 11/12/23 20:33 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 66460 | 11/07/23 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66746 | 11/11/23 20:58 | CH | EET MID |

## Client Sample ID: FL215

**Lab Sample ID: 880-35345-5**
**Matrix: Solid**
**Date Collected: 11/01/23 08:20**
**Date Received: 11/06/23 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 66373 | 11/07/23 13:35 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66479 | 11/08/23 14:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/08/23 14:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/12/23 20:56 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10 mL | 66709 | 11/10/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66786 | 11/12/23 20:56 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 66460 | 11/07/23 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66746 | 11/11/23 21:04 | CH | EET MID |

## Client Sample ID: FL216

**Lab Sample ID: 880-35345-6**
**Matrix: Solid**
**Date Collected: 11/01/23 08:25**
**Date Received: 11/06/23 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 66373 | 11/07/23 13:35 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66479 | 11/08/23 14:44 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/08/23 14:44 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/12/23 21:18 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 66709 | 11/10/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66786 | 11/12/23 21:18 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 66460 | 11/07/23 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66746 | 11/11/23 21:10 | CH | EET MID |

## Client Sample ID: FL217

**Lab Sample ID: 880-35345-7**
**Matrix: Solid**
**Date Collected: 11/01/23 08:30**
**Date Received: 11/06/23 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 66373 | 11/07/23 13:35 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66479 | 11/08/23 15:04 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/08/23 15:04 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/12/23 21:41 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 66709 | 11/10/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66786 | 11/12/23 21:41 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL217

**Date Collected: 11/01/23 08:30**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-7**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 66460 | 11/07/23 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66746 | 11/11/23 21:15 | CH | EET MID |

## Client Sample ID: FL218

**Date Collected: 11/01/23 08:35**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-8**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 66373 | 11/07/23 13:35 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66479 | 11/08/23 15:24 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/08/23 15:24 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/12/23 22:04 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 66709 | 11/10/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66786 | 11/12/23 22:04 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 66460 | 11/07/23 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66746 | 11/11/23 21:32 | CH | EET MID |

## Client Sample ID: FL219

**Date Collected: 11/01/23 08:40**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-9**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 66373 | 11/07/23 13:35 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66479 | 11/08/23 15:45 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/08/23 15:45 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/12/23 22:26 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10 mL | 66709 | 11/10/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66786 | 11/12/23 22:26 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 66460 | 11/07/23 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66746 | 11/11/23 21:38 | CH | EET MID |

## Client Sample ID: FL220

**Date Collected: 11/01/23 08:45**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-10**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 66373 | 11/07/23 13:35 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66479 | 11/08/23 16:05 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/08/23 16:05 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/12/23 22:49 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 66709 | 11/10/23 12:39 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66786 | 11/12/23 22:49 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 66460 | 11/07/23 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66746 | 11/11/23 21:55 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL221

**Date Collected: 11/01/23 08:50**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-11**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 66532 | 11/08/23 11:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66684 | 11/12/23 05:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/12/23 05:39 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 12:57 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.08 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 12:57 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 66460 | 11/07/23 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66746 | 11/11/23 22:01 | CH | EET MID |

## Client Sample ID: FL222

**Date Collected: 11/01/23 09:00**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-12**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 66532 | 11/08/23 11:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66684 | 11/12/23 06:00 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/12/23 06:00 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 14:07 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.91 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 14:07 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 66460 | 11/07/23 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66746 | 11/11/23 22:06 | CH | EET MID |

## Client Sample ID: FL223

**Date Collected: 11/01/23 09:05**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-13**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 66532 | 11/08/23 11:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66684 | 11/12/23 06:20 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/12/23 06:20 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 14:30 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 14:30 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 66460 | 11/07/23 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66746 | 11/11/23 22:12 | CH | EET MID |

## Client Sample ID: FL224

**Date Collected: 11/01/23 09:10**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-14**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 66532 | 11/08/23 11:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66684 | 11/12/23 06:41 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/12/23 06:41 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL224

**Date Collected: 11/01/23 09:10**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-14**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 14:53 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 14:53 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 66460 | 11/07/23 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 66746 | 11/11/23 22:18 | CH | EET MID |

## Client Sample ID: FL225

**Date Collected: 11/01/23 09:15**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-15**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 66532 | 11/08/23 11:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66684 | 11/12/23 07:01 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/12/23 07:01 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 15:16 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.2 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 15:16 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 66460 | 11/07/23 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66746 | 11/11/23 22:24 | CH | EET MID |

## Client Sample ID: FL226

**Date Collected: 11/01/23 09:20**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-16**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 66532 | 11/08/23 11:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66684 | 11/12/23 07:22 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/12/23 07:22 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 15:40 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 15:40 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 66460 | 11/07/23 18:56 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 66746 | 11/11/23 22:29 | CH | EET MID |

## Client Sample ID: FL227

**Date Collected: 11/01/23 09:25**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-17**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 66532 | 11/08/23 11:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66684 | 11/12/23 07:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/12/23 07:42 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 16:03 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 16:03 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL227

**Date Collected: 11/01/23 09:25**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-17**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 16:08 | CH | EET MID |

## Client Sample ID: FL228

**Date Collected: 11/01/23 09:30**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-18**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 66532 | 11/08/23 11:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66684 | 11/12/23 08:03 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/12/23 08:03 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 16:27 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 16:27 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 16:25 | CH | EET MID |

## Client Sample ID: FL229

**Date Collected: 11/01/23 09:35**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-19**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 66532 | 11/08/23 11:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66684 | 11/12/23 08:23 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/12/23 08:23 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 16:50 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.92 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 16:50 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 16:30 | CH | EET MID |

## Client Sample ID: FL230

**Date Collected: 11/01/23 09:40**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-20**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 66532 | 11/08/23 11:51 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66684 | 11/12/23 08:44 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/12/23 08:44 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 17:13 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.90 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 17:13 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | 0 mL | 1.0 mL | 66741 | 11/11/23 16:36 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL231

**Date Collected: 11/01/23 09:45**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-21**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 08:58 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 08:58 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 17:59 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 17:59 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 5 | | | 66741 | 11/11/23 16:42 | CH | EET MID |

## Client Sample ID: FL232

**Date Collected: 11/01/23 09:50**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-22**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 09:18 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 09:18 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 18:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.00 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 18:22 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 16:59 | CH | EET MID |

## Client Sample ID: FL233

**Date Collected: 11/01/23 09:55**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-23**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 09:39 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 09:39 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 18:45 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 18:45 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 17:04 | CH | EET MID |

## Client Sample ID: FL234

**Date Collected: 11/01/23 10:00**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-24**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 09:59 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 09:59 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL234

**Date Collected: 11/01/23 10:00**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-24**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 19:09 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.98 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 19:09 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 17:10 | CH | EET MID |

## Client Sample ID: FL235

**Date Collected: 11/01/23 10:05**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-25**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 10:20 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 10:20 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 19:32 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 19:32 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 17:16 | CH | EET MID |

## Client Sample ID: FL236

**Date Collected: 11/01/23 10:10**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-26**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.98 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 10:40 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 10:40 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 19:55 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.96 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 19:55 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 17:21 | CH | EET MID |

## Client Sample ID: FL237

**Date Collected: 11/01/23 10:15**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-27**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 11:01 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 11:01 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 20:18 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 20:18 | SM | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL237

**Date Collected: 11/01/23 10:15**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-27**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 17:27 | CH | EET MID |

## Client Sample ID: FL238

**Date Collected: 11/01/23 10:20**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-28**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 11:21 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 11:21 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 20:41 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 20:41 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 17:44 | CH | EET MID |

## Client Sample ID: FL239

**Date Collected: 11/01/23 10:25**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-29**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 11:42 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 11:42 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 21:04 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 21:04 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.05 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 17:50 | CH | EET MID |

## Client Sample ID: FL240

**Date Collected: 11/01/23 10:30**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-30**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 12:03 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 12:03 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 21:26 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.99 g | 10 mL | 66710 | 11/10/23 12:57 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 21:26 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 18:06 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL44b

**Lab Sample ID: 880-35345-31**

**Date Collected: 11/01/23 10:35**
**Matrix: Solid**
**Date Received: 11/06/23 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 13:26 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 13:26 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/13/23 23:21 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.08 g | 10 mL | 66712 | 11/10/23 13:12 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/13/23 23:21 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.95 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 18:12 | CH | EET MID |

## Client Sample ID: FL45b

**Lab Sample ID: 880-35345-32**

**Date Collected: 11/01/23 10:40**
**Matrix: Solid**
**Date Received: 11/06/23 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 13:47 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 13:47 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/14/23 00:29 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 66712 | 11/10/23 13:12 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/14/23 00:29 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 18:18 | CH | EET MID |

## Client Sample ID: FL67b

**Lab Sample ID: 880-35345-33**

**Date Collected: 11/01/23 10:45**
**Matrix: Solid**
**Date Received: 11/06/23 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.97 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 14:08 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 14:08 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/14/23 00:51 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 66712 | 11/10/23 13:12 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/14/23 00:51 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 18:23 | CH | EET MID |

## Client Sample ID: FL68b

**Lab Sample ID: 880-35345-34**

**Date Collected: 11/01/23 10:50**
**Matrix: Solid**
**Date Received: 11/06/23 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 14:28 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 14:28 | SM | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL68b
**Date Collected: 11/01/23 10:50**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-34**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/14/23 01:14 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.97 g | 10 mL | 66712 | 11/10/23 13:12 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/14/23 01:14 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 18:29 | CH | EET MID |

## Client Sample ID: FL70b
**Date Collected: 11/01/23 10:55**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-35**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 14:49 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 14:49 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/14/23 01:37 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.95 g | 10 mL | 66712 | 11/10/23 13:12 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/14/23 01:37 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.02 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 18:35 | CH | EET MID |

## Client Sample ID: FL71b
**Date Collected: 11/01/23 11:00**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-36**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.05 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 15:09 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 15:09 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/14/23 01:59 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.08 g | 10 mL | 66712 | 11/10/23 13:12 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/14/23 01:59 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 66461 | 11/07/23 18:59 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66741 | 11/11/23 18:40 | CH | EET MID |

## Client Sample ID: FL72b
**Date Collected: 11/01/23 11:05**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-37**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 15:30 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 15:30 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/14/23 02:22 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 66712 | 11/10/23 13:12 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/14/23 02:22 | SM | EET MID |

Eurofins Midland

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: FL72b
**Date Collected: 11/01/23 11:05**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-37**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 66462 | 11/07/23 19:01 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66742 | 11/11/23 19:25 | CH | EET MID |

## Client Sample ID: FL73b
**Date Collected: 11/01/23 11:10**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-38**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 15:51 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 15:51 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/14/23 02:44 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.94 g | 10 mL | 66712 | 11/10/23 13:12 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/14/23 02:44 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 66462 | 11/07/23 19:01 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66742 | 11/11/23 19:42 | CH | EET MID |

## Client Sample ID: FL74b
**Date Collected: 11/01/23 11:15**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-39**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.99 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 16:11 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 16:11 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/14/23 03:07 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 9.93 g | 10 mL | 66712 | 11/10/23 13:12 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/14/23 03:07 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.97 g | 50 mL | 66462 | 11/07/23 19:01 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66742 | 11/11/23 19:48 | CH | EET MID |

## Client Sample ID: SW82
**Date Collected: 11/01/23 11:20**
**Date Received: 11/06/23 12:59**

**Lab Sample ID: 880-35345-40**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 66375 | 11/07/23 13:39 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66683 | 11/11/23 16:32 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 16:32 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/14/23 03:30 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.06 g | 10 mL | 66712 | 11/10/23 13:12 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/14/23 03:30 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 66462 | 11/07/23 19:01 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66742 | 11/11/23 19:54 | CH | EET MID |

# Lab Chronicle

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Client Sample ID: SW83

**Lab Sample ID: 880-35345-41**

**Date Collected: 11/01/23 11:25**
**Matrix: Solid**
**Date Received: 11/06/23 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.02 g | 5 mL | 66374 | 11/07/23 13:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66684 | 11/11/23 19:43 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 19:43 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/14/23 04:15 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 66712 | 11/10/23 13:12 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/14/23 04:15 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.00 g | 50 mL | 66462 | 11/07/23 19:01 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66742 | 11/11/23 19:59 | CH | EET MID |

## Client Sample ID: SW84

**Lab Sample ID: 880-35345-42**

**Date Collected: 11/01/23 11:30**
**Matrix: Solid**
**Date Received: 11/06/23 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.03 g | 5 mL | 66374 | 11/07/23 13:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66684 | 11/11/23 20:03 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 20:03 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/14/23 04:37 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.09 g | 10 mL | 66712 | 11/10/23 13:12 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/14/23 04:37 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.03 g | 50 mL | 66462 | 11/07/23 19:01 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66742 | 11/11/23 20:16 | CH | EET MID |

## Client Sample ID: SW85

**Lab Sample ID: 880-35345-43**

**Date Collected: 11/01/23 11:35**
**Matrix: Solid**
**Date Received: 11/06/23 12:59**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.01 g | 5 mL | 66374 | 11/07/23 13:38 | MNR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 66684 | 11/11/23 20:24 | MNR | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 66615 | 11/11/23 20:24 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 66843 | 11/14/23 05:00 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 66712 | 11/10/23 13:12 | TKC | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | 1 uL | 1 uL | 66799 | 11/14/23 05:00 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.96 g | 50 mL | 66462 | 11/07/23 19:01 | SMC | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 66742 | 11/11/23 20:22 | CH | EET MID |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

## Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Texas | NELAP | T104704400-23-26 | 06-30-24 |

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

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

# Method Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

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

**Protocol References:**

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

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

# Sample Summary

Client: Hungry Horse LLC
Project/Site: J3 Pit

Job ID: 880-35345-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Depth |
|---|---|---|---|---|---|
| 880-35345-1 | FL211 | Solid | 11/01/23 08:00 | 11/06/23 12:59 | 4.5' |
| 880-35345-2 | FL212 | Solid | 11/01/23 08:05 | 11/06/23 12:59 | 4.5' |
| 880-35345-3 | FL213 | Solid | 11/01/23 08:10 | 11/06/23 12:59 | 4.5' |
| 880-35345-4 | FL214 | Solid | 11/01/23 08:15 | 11/06/23 12:59 | 4.5' |
| 880-35345-5 | FL215 | Solid | 11/01/23 08:20 | 11/06/23 12:59 | 4.5' |
| 880-35345-6 | FL216 | Solid | 11/01/23 08:25 | 11/06/23 12:59 | 4.5' |
| 880-35345-7 | FL217 | Solid | 11/01/23 08:30 | 11/06/23 12:59 | 4.5' |
| 880-35345-8 | FL218 | Solid | 11/01/23 08:35 | 11/06/23 12:59 | 4.5' |
| 880-35345-9 | FL219 | Solid | 11/01/23 08:40 | 11/06/23 12:59 | 4.5' |
| 880-35345-10 | FL220 | Solid | 11/01/23 08:45 | 11/06/23 12:59 | 4.5' |
| 880-35345-11 | FL221 | Solid | 11/01/23 08:50 | 11/06/23 12:59 | 4.5' |
| 880-35345-12 | FL222 | Solid | 11/01/23 09:00 | 11/06/23 12:59 | 4.5' |
| 880-35345-13 | FL223 | Solid | 11/01/23 09:05 | 11/06/23 12:59 | 4.5' |
| 880-35345-14 | FL224 | Solid | 11/01/23 09:10 | 11/06/23 12:59 | 4.5' |
| 880-35345-15 | FL225 | Solid | 11/01/23 09:15 | 11/06/23 12:59 | 4.5' |
| 880-35345-16 | FL226 | Solid | 11/01/23 09:20 | 11/06/23 12:59 | 4.5' |
| 880-35345-17 | FL227 | Solid | 11/01/23 09:25 | 11/06/23 12:59 | 4.5' |
| 880-35345-18 | FL228 | Solid | 11/01/23 09:30 | 11/06/23 12:59 | 4.5' |
| 880-35345-19 | FL229 | Solid | 11/01/23 09:35 | 11/06/23 12:59 | 4.5' |
| 880-35345-20 | FL230 | Solid | 11/01/23 09:40 | 11/06/23 12:59 | 4.5' |
| 880-35345-21 | FL231 | Solid | 11/01/23 09:45 | 11/06/23 12:59 | 4.5' |
| 880-35345-22 | FL232 | Solid | 11/01/23 09:50 | 11/06/23 12:59 | 4.5' |
| 880-35345-23 | FL233 | Solid | 11/01/23 09:55 | 11/06/23 12:59 | 4.5' |
| 880-35345-24 | FL234 | Solid | 11/01/23 10:00 | 11/06/23 12:59 | 4.5' |
| 880-35345-25 | FL235 | Solid | 11/01/23 10:05 | 11/06/23 12:59 | 4.5' |
| 880-35345-26 | FL236 | Solid | 11/01/23 10:10 | 11/06/23 12:59 | 4.5' |
| 880-35345-27 | FL237 | Solid | 11/01/23 10:15 | 11/06/23 12:59 | 4.5' |
| 880-35345-28 | FL238 | Solid | 11/01/23 10:20 | 11/06/23 12:59 | 4.5' |
| 880-35345-29 | FL239 | Solid | 11/01/23 10:25 | 11/06/23 12:59 | 4.5' |
| 880-35345-30 | FL240 | Solid | 11/01/23 10:30 | 11/06/23 12:59 | 4.5' |
| 880-35345-31 | FL44b | Solid | 11/01/23 10:35 | 11/06/23 12:59 | 4.5' |
| 880-35345-32 | FL45b | Solid | 11/01/23 10:40 | 11/06/23 12:59 | 4.5' |
| 880-35345-33 | FL67b | Solid | 11/01/23 10:45 | 11/06/23 12:59 | 4.5' |
| 880-35345-34 | FL68b | Solid | 11/01/23 10:50 | 11/06/23 12:59 | 4.5' |
| 880-35345-35 | FL70b | Solid | 11/01/23 10:55 | 11/06/23 12:59 | 4.5' |
| 880-35345-36 | FL71b | Solid | 11/01/23 11:00 | 11/06/23 12:59 | 4.5' |
| 880-35345-37 | FL72b | Solid | 11/01/23 11:05 | 11/06/23 12:59 | 4.5' |
| 880-35345-38 | FL73b | Solid | 11/01/23 11:10 | 11/06/23 12:59 | 4.5' |
| 880-35345-39 | FL74b | Solid | 11/01/23 11:15 | 11/06/23 12:59 | 4.5' |
| 880-35345-40 | SW82 | Solid | 11/01/23 11:20 | 11/06/23 12:59 | 3' |
| 880-35345-41 | SW83 | Solid | 11/01/23 11:25 | 11/06/23 12:59 | 3' |
| 880-35345-42 | SW84 | Solid | 11/01/23 11:30 | 11/06/23 12:59 | 3' |
| 880-35345-43 | SW85 | Solid | 11/01/23 11:35 | 11/06/23 12:59 | 3' |

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# Chain of Custody

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

Wo

880-35345 Chain of Custody

| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (f different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St |
| City State ZIP | Lovington NM 88260 | City State ZIP | Carlsbad |
| Phone | 575 393-3386 Email | | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

Program UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Shane Rivera | TAT starts the day received by the lab if received by 4 30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | |
|---|---|---|---|
| Temp Blank | Yes (No) | Wet Ice | (Yes) No |
| Samples Received Intact | (Yes) No | Thermometer ID | IR8 |
| Cooler Custody Seals | Yes No (N/A) | Correction Factor | 1.20 |
| Sample Custody Seals | Yes No N/A | Temperature Reading | 1-3 |
| Total Containers | | Corrected Temperature | 1-5 |

**Preservative Codes**

None NO DI Water $H_2O$
Cool Cool MeOH Me
HCL HC $HNO_3$ HN
$H_2SO_4$ $H_2$ NaOH Na
$H_3PO_4$ HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL211 | S | 11/1/23 | 8 00 | 4 5 | C | 1 | | X | X | X | |
| FL212 | S | 11/1/23 | 8 05 | 4 5 | C | 1 | | X | X | X | |
| FL213 | S | 11/1/23 | 8 10 | 4 5 | C | 1 | | X | X | X | |
| FL214 | S | 11/1/23 | 8 15 | 4 5 | C | 1 | | X | X | X | |
| FL215 | S | 11/1/23 | 8 20 | 4 5 | C | 1 | | X | X | X | |
| FL216 | S | 11/1/23 | 8 25 | 4 5 | C | 1 | | X | X | X | |
| FL217 | S | 11/1/23 | 8 30 | 4 5 | C | 1 | | X | X | X | |
| FL218 | S | 11/1/23 | 8 35 | 4 5 | C | 1 | | X | X | X | |
| FL219 | S | 11/1/23 | 8 40 | 4 5' | C | 1 | | X | X | X | |
| FL220 | S | 11/1/23 | 8 45 | 4 5' | C | 1 | | X | X | X | |

Parameters

**Total 200 7 / 6010 200 8 / 6020** 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg **1631 / 245 1 / 7470 / 7471**

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

| | Relinquished by (Signature) | Received by (Signature) | Date/Time | | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|---|---|
| 1 | | Eyn Carilla | 11-3-23 3:40 | 2 | Eyn Carilla | | 11/6/23 1259 |
| 3 | | | | 4 | | | |
| 5 | | | | 6 | | | |

Revised Date 08/25/2020 Rev 2020.2

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# Chain of Custody

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

Work Order No. 355345

www xenco com Page 2 of 5

| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St |
| City State ZIP | Lovington NM 88260 | City State ZIP | Carlsbad |
| Phone | 575 393-3386 Email | | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

Program UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Shane Rivera | TAT starts the day received by the lab if received by 4 30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No | |
| Samples Received Intact | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**Preservative Codes**

None NO DI Water $H_2O$
Cool Cool MeOH Me
HCL HC $HNO_3$ HN
$H_2SO_4$ $H_2$ NaOH Na
H PO HP
$NaHSO_4$ NAB S
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL221 | S | 11/1/23 | 8 50 | 4 5 | C | 1 | | X | X | X | |
| FL222 | S | 11/1/23 | 9 00 | 4 5 | C | 1 | | X | X | X | |
| FL223 | S | 11/1/23 | 9 05 | 4 5 | C | 1 | | X | X | X | |
| FL224 | S | 11/1/23 | 9 10 | 4 5 | C | 1 | | X | X | X | |
| FL225 | S | 11/1/23 | 9 15 | 4 5 | C | 1 | | X | X | X | |
| FL226 | S | 11/1/23 | 9 20 | 4 5 | C | 1 | | X | X | X | |
| FL227 | S | 11/1/23 | 9 25 | 4 5 | C | 1 | | X | X | X | |
| FL228 | S | 11/1/23 | 9 30 | 4 5' | C | 1 | | X | X | X | |
| FL229 | S | 11/1/23 | 9 35 | 4 5' | C | 1 | | X | X | X | |
| FL230 | S | 11/1/23 | 9 40 | 4 5' | C | 1 | | X | X | X | |

ANALYSIS REQUEST — Parameters

Total 200 7 / 6010 200 8 / 6020 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

Notice Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco A minimum charge of $85 00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated

| | Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|---|
| 1 | | Eyn Carilla | 11-3-23 3:41 | | | |
| 2 | | | | Eyn Carilla | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | 11/10/23 1259 |

Revised Date 08/25/2020 Rev 2020.2

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# Chain of Custody

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

Work Order No 35345

www xenco com Page 3 of 5

| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St |
| City State ZIP | Lovington NM 88260 | City State ZIP | Carlsbad |
| Phone | 575 393-3386 | Email | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

Program UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Shane Rivera | TAT starts the day received by the lab if received by 4 30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No | |
| Samples Received Intact | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**Preservative Codes**

None NO DI Water $H_2O$
Cool Cool MeOH Me
HCL HC $HNO_3$ HN
$H_2SO_4$ $H_2$ NaOH Na
$H_3PO_4$ HP
NaHSO NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres Code | CHLORIDE | BTEX | TPH | | | | | | | | | | | | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FL231 | S | 11/1/23 | 9 45 | 4 5 | C | 1 | | X | X | X | | | | | | | | | | | | |
| FL232 | S | 11/1/23 | 9 50 | 4 5' | C | 1 | | X | X | X | | | | | | | | | | | | |
| FL233 | S | 11/1/23 | 9 55 | 4 5 | C | 1 | | X | X | X | | | | | | | | | | | | |
| FL234 | S | 11/1/23 | 10 00 | 4 5 | C | 1 | | X | X | X | | | | | | | | | | | | |
| FL235 | S | 11/1/23 | 10 05 | 4 5 | C | 1 | | X | X | X | | | | | | | | | | | | |
| FL236 | S | 11/1/23 | 10 10 | 4 5 | C | 1 | | X | X | X | | | | | | | | | | | | |
| FL237 | S | 11/1/23 | 10 15 | 4 5 | C | 1 | | X | X | X | | | | | | | | | | | | |
| FL238 | S | 11/1/23 | 10 20 | 4 5 | C | 1 | | X | X | X | | | | | | | | | | | | |
| FL239 | S | 11/1/23 | 10 25 | 4 5' | C | 1 | | X | X | X | | | | | | | | | | | | |
| FL240 | S | 11/1/23 | 10 30 | 4 5' | C | 1 | | X | X | X | | | | | | | | | | | | |

Total 200 7 / 6010 200 8 / 6020 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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| | Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|---|
| 1 | | Eva Carrillo | 11-3-23 3:41 | 2 Eva Carrillo | | 11/6/23 1259 |
| 3 | | | | 4 | | |
| 5 | | | | 6 | | |

Revised Date 08/25/2020 Rev 2020.2

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# Chain of Custody

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

Work Order No 35345

www xenco com Page 4 of 5

| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St |
| City State ZIP | Lovington NM 88260 | City State ZIP | Carlsbad |
| Phone | 575 393-3386 | Email | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

Program UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Shane Rivera | TAT starts the day received by the lab if received by 4 30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | | |
|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No | |
| Samples Received Intact | Yes No | Thermometer ID | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | |
| Total Containers | | Corrected Temperature | | |

**Preservative Codes**

None NO DI Water $H_2O$
Cool Cool MeOH Me
HCL HC $HNO_3$ HN
$H_2S0_4$ $H_2$ NaOH Na
$H_3PO_4$ HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres. Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FL44b | S | 11/1/23 | 10 35 | 4 5 | C | 1 | | X | X | X | |
| FL45b | S | 11/1/23 | 10 40 | 4 5 | C | 1 | | X | X | X | |
| FL67b | S | 11/1/23 | 10 45 | 4 5' | C | 1 | | X | X | X | |
| FL68b | S | 11/1/23 | 10 50 | 4 5' | C | 1 | | X | X | X | |
| FL70b | S | 11/1/23 | 10 55 | 4 5' | C | 1 | | X | X | X | |
| FL71b | S | 11/1/23 | 11 00 | 4 5 | C | 1 | | X | X | X | |
| FL72b | S | 11/1/23 | 11 05 | 4 5 | C | 1 | | X | X | X | |
| FL73b | S | 11/1/23 | 11 10 | 4 5 | C | 1 | | X | X | X | |
| FL74b | S | 11/1/23 | 11 15 | 4 5' | C | 1 | | X | X | X | |

ANALYSIS REQUEST — Parameters

Total 200.7 / 6010 200 8 / 6020 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245 1 / 7470 / 7471

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| | Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|---|
| 1 | | Ezra Carrillo | 11-3-23 3.41 | 2 Ezra Carrillo | | 11/6/23 |
| 3 | | | | 4 | | 1250 |
| 5 | | | | 6 | | |

Revised Date 08/25/2020 Rev 2020 2

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# Chain of Custody

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EL Paso TX (915) 585 3443 Lubbock TX (806) 794 1296
Hobbs NM (575) 392 7550 Carlsbad NM (575) 988-3199

Work Order No 35345

Loc: 880

www xenco com

| | | | |
|---|---|---|---|
| Project Manager | Bradley Wells | Bill to (if different) | Timsan Bricker |
| Company Name | Hungry Horse LLC | Company Name | Select Energy Services LLC |
| Address | 4024 Plains Hwy | Address | 1502 E Greene St |
| City State ZIP | Lovington NM 88260 | City State ZIP | Carlsbad |
| Phone | 575 393-3386 | Email | tbricker@selectwater com and pm@hungry-horse com |

**Work Order Comments**

Program UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

| | | | |
|---|---|---|---|
| Project Name | J3 Pit | Turn Around | |
| Project Number | | ☑ Routine ☐ Rush | |
| Project Location | | Due Date | |
| Sampler's Name | Shane Rivera | TAT starts the day received by the lab if received by 4 30pm | |
| PO # | | | |

| SAMPLE RECEIPT | | | | | |
|---|---|---|---|---|---|
| Temp Blank | Yes No | Wet Ice | Yes No | | |
| Samples Received Intact | Yes No | Thermometer ID | | | |
| Cooler Custody Seals | Yes No N/A | Correction Factor | | | |
| Sample Custody Seals | Yes No N/A | Temperature Reading | | | |
| Total Containers | | Corrected Temperature | | | |

**Preservative Codes**

None NO DI Water $H_2O$
Cool Cool MeOH Me
HCL HC $HNO_3$ HN
$H_2SO_4$ $H_2$ NaOH Na
$H_3PO$ HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

| Sample Identification | Matrix | Date Sampled | Time Sampled | Depth | Grab/ Comp | # of Cont | Pres Code | CHLORIDE | BTEX | TPH | Sample Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SW82 | S | 11/1/23 | 11 20 | 3 | C | 1 | | X | X | X | |
| SW83 | S | 11/1/23 | 11 25 | 3 | C | 1 | | X | X | X | |
| SW84 | S | 11/1/23 | 11 30 | 3 | C | 1 | | X | X | X | |
| SW85 | S | 11/1/23 | 11 35 | 3' | C | 1 | | X | X | X | |

Parameters / ANALYSIS REQUEST

Total 200 7 / 6010 200 8 / 6020 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag $SiO_2$ Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg 1631 / 245.1 / 7470 / 7471

Notice Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco A minimum charge of $85 00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed These terms will be enforced unless previously negotiated

| Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|---|---|---|---|---|---|
| 1 | Eva Calle | 11-3-23 3:41 | 2 Eva Calle | | 11/6/23 1259 |
| 3 | | | 4 | | |
| 5 | | | 6 | | |

Revised Date 08/25/2020 Rev 2020 2

# Login Sample Receipt Checklist

Client: Hungry Horse LLC Job Number: 880-35345-1

**Login Number: 35345** **List Source: Eurofins Midland**
**List Number: 1**
**Creator: Rodriguez, Leticia**

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

Report to:

Bradley Wells



5796 U.S. Hwy 64
Farmington, NM 87401

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

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

Select Water Solutions, LLC

| | |
|---|---|
| Project Name: | J3 Pit |
| Work Order: | E406096 |
| Job Number: | 24019-0001 |
| Received: | 6/12/2024 |

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/12/24

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

Date Reported: 6/12/24

Bradley Wells
PO Box 1715
Gainesville, TX 76241

Project Name: J3 Pit
Workorder: E406096
Date Received: 6/12/2024 9:00:00AM

Bradley Wells,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/12/2024 9:00:00AM, under the Project Name: J3 Pit.

The analytical test results summarized in this report with the Project Name: J3 Pit apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

**Raina Schwanz**
Laboratory Administrator
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rainaschwanz@envirotech-inc.com

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Sample Custody Officer
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labadmin@envirotech-inc.com

Field Offices:

**Southern New Mexico Area**

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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# Sample Summary

| | | | |
|---|---|---|---|
| Select Water Solutions, LLC | Project Name: | J3 Pit | **Reported:** |
| PO Box 1715 | Project Number: | 24019-0001 | |
| Gainesville TX, 76241 | Project Manager: | Bradley Wells | 06/12/24 15:45 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| FL223b 6 | E406096-01A | Soil | 06/10/24 | 06/12/24 | Glass Jar, 2 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| Select Water Solutions, LLC | Project Name: | J3 Pit | |
| PO Box 1715 | Project Number: | 24019-0001 | **Reported:** |
| Gainesville TX, 76241 | Project Manager: | Bradley Wells | 6/12/2024 3:45:02PM |

**FL223b 6**

**E406096-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2424028 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/12/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/12/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/12/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/12/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/12/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/12/24 | |
| *Surrogate: Bromofluorobenzene* | | *107 %* | *70-130* | *06/12/24* | *06/12/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *89.9 %* | *70-130* | *06/12/24* | *06/12/24* | |
| *Surrogate: Toluene-d8* | | *105 %* | *70-130* | *06/12/24* | *06/12/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2424028 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/12/24 | |
| *Surrogate: Bromofluorobenzene* | | *107 %* | *70-130* | *06/12/24* | *06/12/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *89.9 %* | *70-130* | *06/12/24* | *06/12/24* | |
| *Surrogate: Toluene-d8* | | *105 %* | *70-130* | *06/12/24* | *06/12/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424052 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/12/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/12/24 | |
| *Surrogate: n-Nonane* | | *100 %* | *50-200* | *06/12/24* | *06/12/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2424055 |
| Chloride | ND | 20.0 | 1 | 06/12/24 | 06/12/24 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Select Water Solutions, LLC | Project Name: | J3 Pit | **Reported:** |
| PO Box 1715 | Project Number: | 24019-0001 | |
| Gainesville TX, 76241 | Project Manager: | Bradley Wells | 6/12/2024 3:45:02PM |

## Volatile Organic Compounds by EPA 8260B

Analyst: IY

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2424028-BLK1)** | | | | | | | | | Prepared: 06/11/24 Analyzed: 06/11/24 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: Bromofluorobenzene* | *0.492* | | *0.500* | | *98.3* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.483* | | *0.500* | | *96.6* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.483* | | *0.500* | | *96.6* | *70-130* | | | |
| **LCS (2424028-BS1)** | | | | | | | | | Prepared: 06/11/24 Analyzed: 06/11/24 |
| Benzene | 2.49 | 0.0250 | 2.50 | | 99.5 | 70-130 | | | |
| Ethylbenzene | 2.52 | 0.0250 | 2.50 | | 101 | 70-130 | | | |
| Toluene | 2.41 | 0.0250 | 2.50 | | 96.4 | 70-130 | | | |
| o-Xylene | 3.15 | 0.0250 | 2.50 | | 126 | 70-130 | | | |
| p,m-Xylene | 6.25 | 0.0500 | 5.00 | | 125 | 70-130 | | | |
| Total Xylenes | 9.41 | 0.0250 | 7.50 | | 125 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.589* | | *0.500* | | *118* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.479* | | *0.500* | | *95.8* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.492* | | *0.500* | | *98.3* | *70-130* | | | |
| **Matrix Spike (2424028-MS1)** | | | | **Source: E406087-02** | | | | | Prepared: 06/11/24 Analyzed: 06/11/24 |
| Benzene | 2.48 | 0.0250 | 2.50 | ND | 99.3 | 48-131 | | | |
| Ethylbenzene | 2.50 | 0.0250 | 2.50 | ND | 100 | 45-135 | | | |
| Toluene | 2.38 | 0.0250 | 2.50 | ND | 95.1 | 48-130 | | | |
| o-Xylene | 2.64 | 0.0250 | 2.50 | ND | 105 | 43-135 | | | |
| p,m-Xylene | 5.24 | 0.0500 | 5.00 | ND | 105 | 43-135 | | | |
| Total Xylenes | 7.87 | 0.0250 | 7.50 | ND | 105 | 43-135 | | | |
| *Surrogate: Bromofluorobenzene* | *0.496* | | *0.500* | | *99.2* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.472* | | *0.500* | | *94.4* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.483* | | *0.500* | | *96.6* | *70-130* | | | |
| **Matrix Spike Dup (2424028-MSD1)** | | | | **Source: E406087-02** | | | | | Prepared: 06/11/24 Analyzed: 06/11/24 |
| Benzene | 2.41 | 0.0250 | 2.50 | ND | 96.5 | 48-131 | 2.78 | 23 | |
| Ethylbenzene | 2.50 | 0.0250 | 2.50 | ND | 100 | 45-135 | 0.160 | 27 | |
| Toluene | 2.38 | 0.0250 | 2.50 | ND | 95.0 | 48-130 | 0.105 | 24 | |
| o-Xylene | 2.71 | 0.0250 | 2.50 | ND | 108 | 43-135 | 2.86 | 27 | |
| p,m-Xylene | 5.36 | 0.0500 | 5.00 | ND | 107 | 43-135 | 2.39 | 27 | |
| Total Xylenes | 8.07 | 0.0250 | 7.50 | ND | 108 | 43-135 | 2.55 | 27 | |
| *Surrogate: Bromofluorobenzene* | *0.513* | | *0.500* | | *103* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.484* | | *0.500* | | *96.8* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.493* | | *0.500* | | *98.5* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Select Water Solutions, LLC | Project Name: | J3 Pit | **Reported:** |
| PO Box 1715 | Project Number: | 24019-0001 | |
| Gainesville TX, 76241 | Project Manager: | Bradley Wells | 6/12/2024 3:45:02PM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2424028-BLK1)** | | | | | | | | | Prepared: 06/11/24 Analyzed: 06/11/24 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: Bromofluorobenzene* | *0.492* | | *0.500* | | *98.3* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.483* | | *0.500* | | *96.6* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.483* | | *0.500* | | *96.6* | *70-130* | | | |
| **LCS (2424028-BS2)** | | | | | | | | | Prepared: 06/11/24 Analyzed: 06/11/24 |
| Gasoline Range Organics (C6-C10) | 49.1 | 20.0 | 50.0 | | 98.1 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.566* | | *0.500* | | *113* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.490* | | *0.500* | | *97.9* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.492* | | *0.500* | | *98.4* | *70-130* | | | |
| **Matrix Spike (2424028-MS2)** | | | | **Source: E406087-02** | | | | | Prepared: 06/11/24 Analyzed: 06/11/24 |
| Gasoline Range Organics (C6-C10) | 43.0 | 20.0 | 50.0 | ND | 85.9 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.522* | | *0.500* | | *104* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.458* | | *0.500* | | *91.6* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.491* | | *0.500* | | *98.1* | *70-130* | | | |
| **Matrix Spike Dup (2424028-MSD2)** | | | | **Source: E406087-02** | | | | | Prepared: 06/11/24 Analyzed: 06/11/24 |
| Gasoline Range Organics (C6-C10) | 43.3 | 20.0 | 50.0 | ND | 86.6 | 70-130 | 0.719 | 20 | |
| *Surrogate: Bromofluorobenzene* | *0.511* | | *0.500* | | *102* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.457* | | *0.500* | | *91.4* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.491* | | *0.500* | | *98.2* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Select Water Solutions, LLC | Project Name: | J3 Pit | **Reported:** |
| PO Box 1715 | Project Number: | 24019-0001 | |
| Gainesville TX, 76241 | Project Manager: | Bradley Wells | 6/12/2024 3:45:02PM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2424052-BLK1)** | | | | | | | | | Prepared: 06/12/24 Analyzed: 06/12/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *55.2* | | *50.0* | | *110* | *50-200* | | | |
| **LCS (2424052-BS1)** | | | | | | | | | Prepared: 06/12/24 Analyzed: 06/12/24 |
| Diesel Range Organics (C10-C28) | 295 | 25.0 | 250 | | 118 | 38-132 | | | |
| *Surrogate: n-Nonane* | *54.6* | | *50.0* | | *109* | *50-200* | | | |
| **Matrix Spike (2424052-MS1)** | | | | **Source: E406098-04** | | | | | Prepared: 06/12/24 Analyzed: 06/12/24 |
| Diesel Range Organics (C10-C28) | 296 | 25.0 | 250 | ND | 119 | 38-132 | | | |
| *Surrogate: n-Nonane* | *52.5* | | *50.0* | | *105* | *50-200* | | | |
| **Matrix Spike Dup (2424052-MSD1)** | | | | **Source: E406098-04** | | | | | Prepared: 06/12/24 Analyzed: 06/12/24 |
| Diesel Range Organics (C10-C28) | 292 | 25.0 | 250 | ND | 117 | 38-132 | 1.35 | 20 | |
| *Surrogate: n-Nonane* | *56.7* | | *50.0* | | *113* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Select Water Solutions, LLC | Project Name: | J3 Pit | **Reported:** |
| PO Box 1715 | Project Number: | 24019-0001 | |
| Gainesville TX, 76241 | Project Manager: | Bradley Wells | 6/12/2024 3:45:02PM |

## Anions by EPA 300.0/9056A

Analyst: WF

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2424055-BLK1)** | | | | | | | | | Prepared: 06/12/24 Analyzed: 06/12/24 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2424055-BS1)** | | | | | | | | | Prepared: 06/12/24 Analyzed: 06/12/24 |
| Chloride | 250 | 20.0 | 250 | | 100 | 90-110 | | | |
| **LCS Dup (2424055-BSD1)** | | | | | | | | | Prepared: 06/12/24 Analyzed: 06/12/24 |
| Chloride | 250 | 20.0 | 250 | | 100 | 90-110 | 0.00798 | 20 | |

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

# Definitions and Notes

| | | | |
|---|---|---|---|
| Select Water Solutions, LLC | Project Name: | J3 Pit | |
| PO Box 1715 | Project Number: | 24019-0001 | **Reported:** |
| Gainesville TX, 76241 | Project Manager: | Bradley Wells | 06/12/24 15:45 |

| | |
|---|---|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |
| DNR | Did not react with the addition of acid or base. |

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

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

Released to Imaging: 7/1/2024 1:26:15 PM
Received by OCD: 6/13/2024 3:07:52 PM

Project Information | Chain of Custody | Page 1 of 1

| | |
|---|---|
| Client: | Select Energy Services, LLC |
| Project: | J3 Pit |
| Project Manager: | Bradley Wells |
| Address: | 4024 Plains Hwy |
| City, State, Zip: | Lovington, NM 88260, NM, 8826 |
| Phone: | 575 393-3386 |
| Email: | pm@hungry-horse.com |
| Report due by: | |

**Bill To**

| | |
|---|---|
| Attention: | Timsan Bricker |
| Address: | 1502 E Greene St. |
| City, State, Zip: | Carlsbad |
| Phone: | 515-200-7551 |
| Email: | tbricker@selectwater.com |

**Lab Use Only**

| Lab WO# | Job Number |
|---|---|
| E406096 | 24019-0001 |

**TAT**

| 1D | 2D | 3D | Standard |
|---|---|---|---|
| X | | | |

**EPA Program**

| CWA | SDWA | RCRA |
|---|---|---|
| | | |

**State**

| NM | CO | UT | AZ | TX | |
|---|---|---|---|---|---|
| X | | | | | |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Depth | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | | | BGDOC NM | BGDOC TX | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8:05 | 10-Jun | Soil | 1 | FL223b | 6 | 1 | | | | | | | | | X | | | | |
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| | | | | | | | | | | | | | | | | | | | |

**Analysis and Method**

**Additional Instructions:**

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

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

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 6/10/24 | 1312 | Michelle Gonzales | 6-10-24 | 1312 |
| Michelle Gonzales | 6-11-24 | 1645 | | 6.11.24 | 1700 |
| | 6.11.24 | 2330 | | 6/12/24 | 900 |

**Lab Use Only**

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

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

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

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

envirotech

# Envirotech Analytical Laboratory

Printed: 6/12/2024 11:56:21AM

## Sample Receipt Checklist (SRC)

**Instructions: Please take note of any NO checkmarks.**
**If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.**

| | | | | | |
|---|---|---|---|---|---|
| Client: | Select Water Solutions, LLC | Date Received: | 06/12/24 09:00 | Work Order ID: | E406096 |
| Phone: | (575) 393-3386 | Date Logged In: | 06/11/24 14:54 | Logged In By: | Alexa Michaels |
| Email: | pm@hungry-horse.com | Due Date: | 06/12/24 17:00 (0 day TAT) | | |

**Chain of Custody (COC)**

| | | |
|---|---|---|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: courier |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | Yes | |
| 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. | Yes | |

**Comments/Resolution**

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

| | | |
|---|---|---|
| 7. Was a sample cooler received? | Yes | |
| 8. If yes, was cooler received in good condition? | Yes | |
| 9. Was the sample(s) received intact, i.e., not broken? | Yes | |
| 10. Were custody/security seals present? | No | |
| 11. If yes, were custody/security seals intact? | NA | |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling | Yes | |
| 13. If no visible ice, record the temperature. Actual sample temperature: 4°C | | |

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date

envirotech Inc.

# Attachment VII
# NMOCD Form Initial C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| | |
|---|---|
| Incident ID | nAPP2319449479 |
| District RP | |
| Facility ID | |
| Application ID | |

# Release Notification

## Responsible Party

| | |
|---|---|
| Responsible Party SELECT WATER SOLUTIONS | OGRID 289068 |
| Contact Name TIMSAN BRICKER | Contact Telephone 575-200-7551 |
| Contact email tbricker@selectwater.com | Incident # *(assigned by OCD)* nAPP2319449479 |
| Contact mailing address 1502 E GREENE ST CARLSBAD NM 88220 | |

## Location of Release Source

Latitude 32°14'20.80"N Longitude 103°43'41.20"W
*(NAD 83 in decimal degrees to 5 decimal places)*

| | |
|---|---|
| Site Name J3 PIT | Site Type FRAC PIT |
| Date Release Discovered 7/12/2023 | API# *(if applicable)* |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| | 12 | 24S | 31E | EDDY |

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (*Name:* _____)

## Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| | | |
|---|---|---|
| ☐ Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| ☒ Produced Water | Volume Released (bbls) 837 | Volume Recovered (bbls) 0 |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | ☒ Yes ☐ No |
| ☐ Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| ☐ Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| ☐ Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release
Head connection on 12 inch layflat line failed and pumped water until employee returned from checking lines.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nAPP2319449479 |
| District RP | |
| Facility ID | |
| Application ID | |

| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br>☒ Yes ☐ No | If YES, for what reason(s) does the responsible party consider this a major release?<br>VOLUME GREATER THAN 25 BBL |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?<br>YES, BY TIMSAN BRICKER THROUGH NMOCD REPORTING WEBSITE 7/13/23 | |

## Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

☒ The source of the release has been stopped.

☒ The impacted area has been secured to protect human health and the environment.

☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: TIMSAN BRICKER Title: ENVIRONMENTAL COORDINATOR

Signature: [signature] Date: 7/13/2023

email: tbricker@selectwater.com Telephone: 575-200-7551

**OCD Only**

Received by: _____ Date: _____

**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 354003

## QUESTIONS

| | |
|---|---|
| Operator:<br>SELECT WATER SOLUTIONS, LLC<br>1820 N I-35<br>Gainesville, TX 76240 | OGRID:<br>289068 |
| | Action Number:<br>354003 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nAPP2319449479** |
| Incident Name | **NAPP2319449479 J3 PIT @ 0** |
| Incident Type | **Produced Water Release** |
| Incident Status | **Remediation Closure Report Received** |

| **Location of Release Source** | |
|---|---|
| *Please answer all the questions in this group.* | |
| Site Name | J3 PIT |
| Date Release Discovered | 07/12/2023 |
| Surface Owner | Federal |

| **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 \| Pipeline (Any) \| Produced Water \| Released: 837 BBL \| Recovered: 0 BBL \| Lost: 837 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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# State of New Mexico
# Energy, Minerals and Natural Resources
# Oil Conservation Division
# 1220 S. St Francis Dr.
# Santa Fe, NM 87505



## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>SELECT WATER SOLUTIONS, LLC<br>1820 N I-35<br>Gainesville, TX 76240 | OGRID:<br>289068 |
| | Action Number:<br>354003 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**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:**<br>**(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: Timsan Bricker<br>Title: ENV Coordinator<br>Email: tbricker@selectenergy.com<br>Date: 06/13/2024 |

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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 (continued)

| | |
|---|---|
| Operator:<br>SELECT WATER SOLUTIONS, LLC<br>1820 N I-35<br>Gainesville, TX 76240 | OGRID:<br>289068 |
| | Action Number:<br>354003 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**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 | Direct Measurement |
| 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 | Greater than 5 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Greater than 5 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Greater than 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 | Greater than 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Greater than 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 | Low |
| A 100-year floodplain | Greater than 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

| **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) | 16800 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 1930 |
| GRO+DRO (EPA SW-846 Method 8015M) | 1340 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0 |
| 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 | 10/02/2023 |
| On what date will (or did) the final sampling or liner inspection occur | 06/10/2024 |
| On what date will (or was) the remediation complete(d) | 06/12/2024 |
| What is the estimated surface area (in square feet) that will be reclaimed | 44600 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 6000 |
| What is the estimated surface area (in square feet) that will be remediated | 44600 |
| What is the estimated volume (in cubic yards) that will be remediated | 6000 |
| *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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# State of New Mexico
# Energy, Minerals and Natural Resources
# Oil Conservation Division
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## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>SELECT WATER SOLUTIONS, LLC<br>1820 N I-35<br>Gainesville, TX 76240 | OGRID:<br>289068 |
| | Action Number:<br>354003 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| | |
|---|---|
| **Remediation Plan (continued)** | |
| *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.* | |
| **This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:** | |
| *(Select all answers below that apply.)* | |
| (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 | LEA LAND LANDFILL [fEEM0112342028] |
| **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 | *Not answered.* |
| **OR** is the **off-site** disposal site, to be used, an NMED facility | *Not answered.* |
| (Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms) | *Not answered.* |
| (In Situ) Soil Vapor Extraction | *Not answered.* |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | *Not answered.* |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | *Not answered.* |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | *Not answered.* |
| Ground Water Abatement pursuant to 19.15.30 NMAC | *Not answered.* |
| OTHER (Non-listed remedial process) | *Not answered.* |
| *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 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: Timsan Bricker<br>Title: ENV Coordinator<br>Email: tbricker@selectenergy.com<br>Date: 06/13/2024 |
| *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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# State of New Mexico
# Energy, Minerals and Natural Resources
# Oil Conservation Division
# 1220 S. St Francis Dr.
# Santa Fe, NM 87505



## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>SELECT WATER SOLUTIONS, LLC<br>1820 N I-35<br>Gainesville, TX 76240 | OGRID:<br>289068 |
| | Action Number:<br>354003 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**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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# State of New Mexico
# Energy, Minerals and Natural Resources
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## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>SELECT WATER SOLUTIONS, LLC<br>1820 N I-35<br>Gainesville, TX 76240 | OGRID:<br>289068 |
| | Action Number:<br>354003 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Sampling Event Information** | |
|---|---|
| Last sampling notification (C-141N) recorded | **351419** |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | **06/10/2024** |
| What was the (estimated) number of samples that were to be gathered | **1** |
| What was the sampling surface area in square feet | **200** |

| **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 | 44600 |
| What was the total volume (cubic yards) remediated | 6000 |
| 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 | 44600 |
| What was the total volume (in cubic yards) reclaimed | 6000 |
| Summarize any additional remediation activities not included by answers (above) | Site recontoured for erosion and reseeded with BLM approved seed mix. |

*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: Timsan Bricker<br>Title: ENV Coordinator<br>Email: tbricker@selectenergy.com<br>Date: 06/13/2024 |

**District I**
1625 N. French Dr., Hobbs, NM 88240
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**District II**
811 S. First St., Artesia, NM 88210
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**District III**
1000 Rio Brazos Rd., Aztec, NM 87410
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**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 (continued)

| | |
|---|---|
| Operator:<br>SELECT WATER SOLUTIONS, LLC<br>1820 N I-35<br>Gainesville, TX 76240 | OGRID:<br>289068 |
| | Action Number:<br>354003 |
| | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| **Reclamation Report** | |
|---|---|
| *Only answer the questions in this group if all reclamation steps have been completed.* | |
| Requesting a reclamation approval with this submission | No |

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CONDITIONS

Action 354003

## CONDITIONS

| | |
|---|---|
| Operator:<br>SELECT WATER SOLUTIONS, LLC<br>1820 N I-35<br>Gainesville, TX 76240 | OGRID:<br>289068 |
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**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| scwells | None | 7/1/2024 |