Form C-141
Page 6

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nAPP2216651297 |
| District RP | 2 |
| 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.***

[X] A scaled site and sampling diagram as described in 19.15.29.11 NMAC

[X] 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)

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

[X] 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: Mike Burton Title:

Signature: Michael Burton Date: 8/19/22

email: mike@lhoperating.com Telephone: 575-499-5306

**OCD Only**

Received by: Robert Hamlet Date: 12/8/2022

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

Closure Approved by: Robert Hamlet Date: 12/8/2022

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

# Remediation Summary & Closure Request

## LH Operating, LLC
## Skelly 223

Eddy County, New Mexico
Latitude 32.823696 North, Longitude 103.866479 West
Unit Letter "H, Section 21, Township 17 South, Range 31 East

## NMOCD Incident # nAPP2216651297

**API# 30-015-28964**

Prepared By:

**T Squared Energy Environmental Services**
1057 County Road 309
Orange Grove, Tx 78372

Lindsey Nevels
Environmental Director
Lindsey@Tsquaredenergy.com

# Table Of Contents

August 07, 2022

New Mexico Energy, Minerals & Natural Resources
NMOCD District 2
C/O: Mike Bratcher & Robert Hamlet
1625 N French Drive
Hobbs, NM 88240

LH Operating, LLC
4809 Cole Ave, Ste 200
Dallas, Tx 79705

RE: Remediation Summary & Closure Request
LH Operating, LLC
Skelly 223
Latitude 32.823696 North, Longitude 103.866479 West
Unit Letter "H," Section 21, Township 17 South, Range 31 East
Eddy County, New Mexico
**NMOCD Incident # NAPP2208945302**

T Squared Energy Services, on behalf of LH Operating, LLC. submits this *Closure Request* to the New Mexico Oil Conservation Division (NMOCD). This Report provides documentation of detailed sampling and remediation actions to address the Skelly 223 release. This report serves as a condensed update on field activities undertaken at the afore referenced Site.

## Project Information

The site is in Unit Letter H (SE/NE), Section 21, Township 17 South, Range 31 East. The spill area measures approximately 2000 sq. ft. and is approximately 10 miles west of Maljimar, New Mexico on Federal Land. Site Map included. Latitude 32.823696 North, Longitude 103.866479

### 1.0 Background

On June 14 ,2022, a release was discovered on active well pad. Approximately 0.2 BBLS of crude oil was released with 0 recovered and 0.2bbls of produced water released with 0 recovered. The release was attributed to failure of the Murphy switch causing the flowline to separate. Due to prompt actions by operator, an emergency one called was made and all standing liquid and overspray was immediately scraped up and stockpiled on liner awaiting disposal. Overspray area measuring a total of 5500 sq ft was completely scraped up and immediately sprayed with Micro-Blaze. Surface samples where then taken and submitted to a laboratory.

Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. Remediation pages of the NMOCD Form C-141 are included as Attachment V. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map, Delineation Map, and Excavation Map are included as Figure 1, Figure 2, Figure 3, Figure 4, and Figure 5, respectively.

### 2.0 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 to determine the horizontal distance to known water sources within a half-mile radius of the Release Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information.

One USGS well was located near the site with reported depth to water of 271’ below surface. However, it does not meet NMOCD criteria for age of data, distance of the data point well from the release point.

Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows.

| Table 1 | | | 271’ | 50’ |
|---|---|---|---|---|
| >100 feet | Chloride*** | EPA 300.0 or SM4500 Cl B | 20,000 mg/kg | 600 mg/kg |
| | TPH (GRO+DRO+MRO) | EPA SW-846 Method 8015M | 2,500 mg/kg | 100 mg/kg |
| | GRO+DRO | EPA SW-846 Method 8015M | 1,000 mg/kg | 100 mg/kg |
| | BTEX | EPA SW-846 Method 8021B or 8260B | 50 mg/kg | 50 mg/kg |
| | Benzene | EPA SW-846 Method 8021B or 8260B | 10 mg/kg | 10 mg/kg |

* Measured in milligrams per kilogram (mg/kg)
† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).
‡ The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D. (1) NMAC.

## 3.0 Delineation Activities

On June 14, 2022, T Squared conducted an initial site assessment. During the initial assessment, a series of hand augured soil bores were advanced within the release margins to determine the vertical extent of impacted soil. In addition, sample test trenches were advanced along the inferred edges of the affected area to determine the horizontal extent of contamination. During the advancement of the soil bores and test trenches, soil samples were collected, and field screened for the presence of volatile organic compounds via a photoionization detector (PID) and chloride concentrations utilizing a Hach Quan tab® chloride test kit.

Based on field observations and field test data, T Squared collected (24) twenty-four representative soil samples for laboratory analysis.

- Delineation soil samples represented by SP1-Surf, SP2-Surf, SP3-Surf, SP4-Surf, SP5-Surf, HZ1 - Surf and 1’, HZ2-Surf - 1’, HZ3 Surf - 1’, HZ4 - Surf -1’, HZ5 - Surf - 1’, HZ6 - Surf - 1’, and HZ7 -Surf - 1’ were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH or chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard except for SP1- Surf, SP2-Surf, SP3-Surf, SP4- Surf, SP5-Surf, and HZ3 - 1’ in each of the submitted soil samples. Delineation activities commenced on location on July 25 in order to achieve full delineation efforts.

A delineation Sample Location Map is provided as Figure 4. A summary of Soil Sample Laboratory Analytical Results is provided as Table 2, and Laboratory Analytical Reports are provided as Attachment IV.

## 4.0 Remediation Activities

In accordance with the NMOCD, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was mechanically excavated and transported to an NMOCD-approved surface waste facility for disposal. The sidewalls of the excavation were advanced until field observations and test results suggested BTEX, TPH and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard.

The release area was excavated to approximately 2' to 5'bgs. Bottom hole composite closure samples and composite sidewall samples were collected and sent to a laboratory. Laboratory analytical results indicated BTEX, TPH or chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard the Horizontal extent was defined.

The excavated area measured approximately 60 feet in length, 30 feet in width and 2-5' in depth. During remediation activities approximately 170 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility.

Confirmation soil samples represented by FL1-FL10 and SW1-SW10 (five-point composites representing no more than 200 ft of the excavated area) were collected from the floor and sidewalls of excavated area.

A Delineation Sample Map and Excavation Sample Map along with composite closure locations are provided as Figure 5 and Figure 6, respectively. Field data is provided as Attachment III. A Summary of Soil Sample Laboratory Analytical Results is provided as Table 2 and Laboratory Analytical Reports are provided as Attachment IV.

## Restoration, Reclamation, and Re-Vegetation:

Based upon laboratory analytical results from confirmation soil samples, the excavated areas were backfilled with locally sourced clean, non-impacted "like" material placed at or near relative positions. The affected area was contoured and/or compacted to achieve erosion control, stability, and preservation of surface water flow to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture free of noxious weeds during the first favorable growing season following closure of the site.

## 5.0 Soil Closure request

Remediation activities were conducted in accordance with applicable NMOCD Regulations. Laboratory analytical results from composite confirmation samples indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria. The site has been remediated to meet the standards of Table 1 of 19.15.29.12 NMAC; therefore, T Squared Energy recommends LH Operating, LLC provide copies of this *Remediation Summary and Closure Request* to the appropriate agencies and respectfully requests Closure be granted for the referenced release.

## Limitations:

T Squared Energy has prepared this *Site Assessment and Closure Request to* the best of its ability. No other warranty, expressed or implied, is made or intended. T Squared has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. T Squared has not conducted an independent examination of the facts contained in referenced materials and statements. T Squared has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. T Squared 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. T Squared has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants.

This report has been prepared for the benefit of LH Operating. Use of the information contained in this report is prohibited with consent of T Squared and/or LH Operating, LLC.

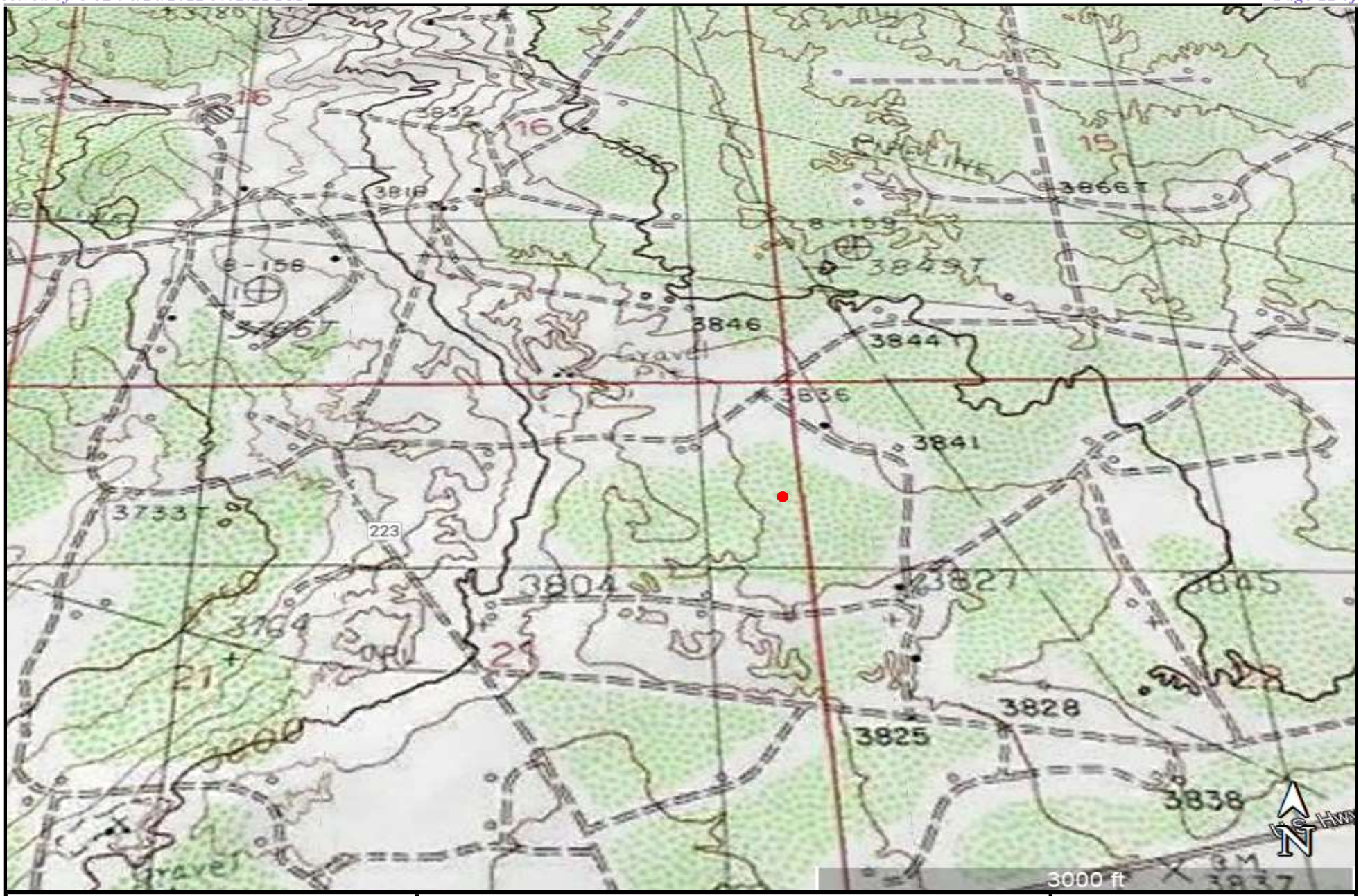
## Distribution:

**LH Operating, LLC**
4809 Cole Ave #106
Dallas, TX 75205

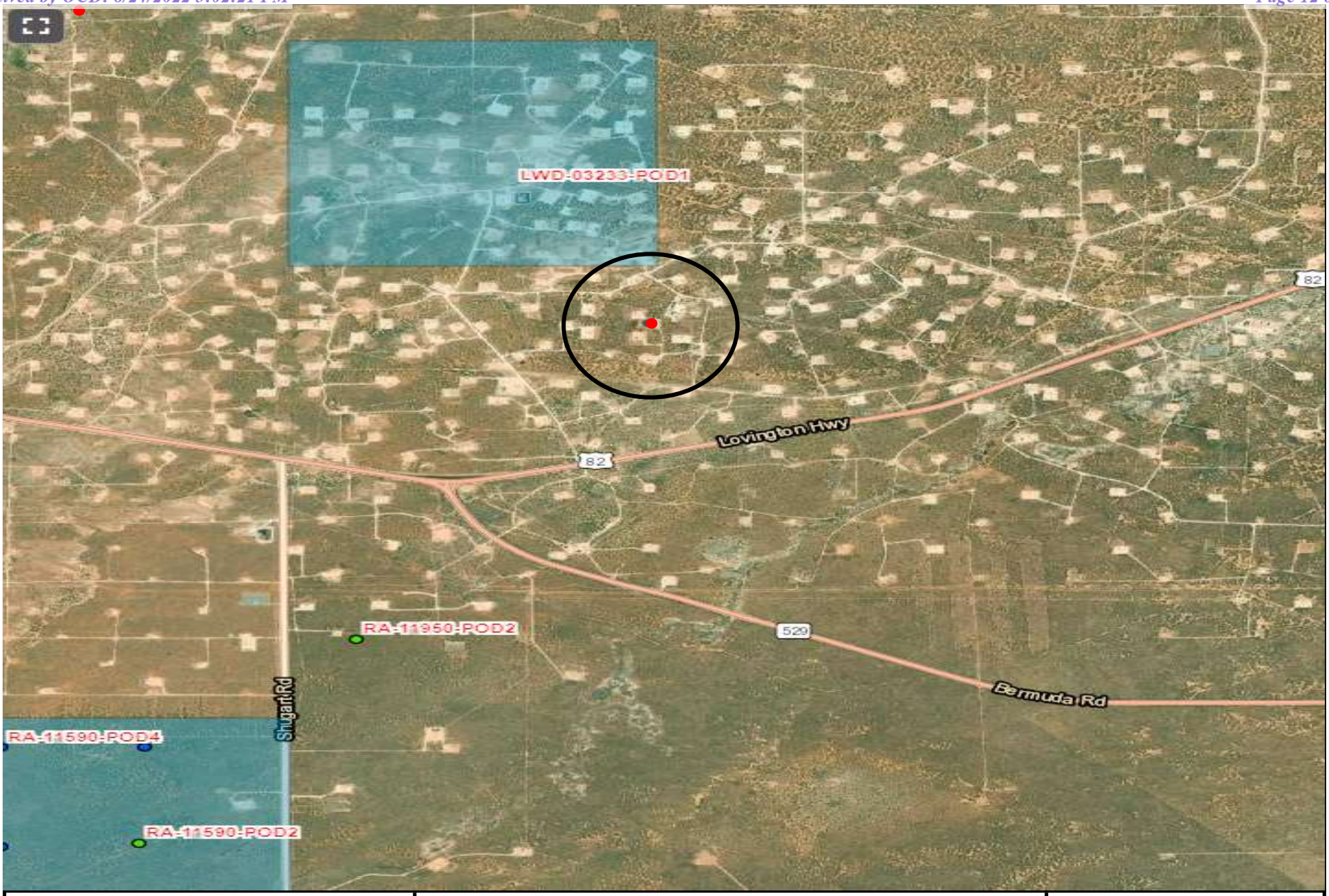
**New Mexico Energy, Minerals and Natural Resources Department**
Oil Conservation Division, District 2
1625 N. French Drive
Hobbs, NM 88240

**Hobbs Field Office**
New Mexico State Land Office
2827 North Dal Paso Street
Hobbs, NM 88240

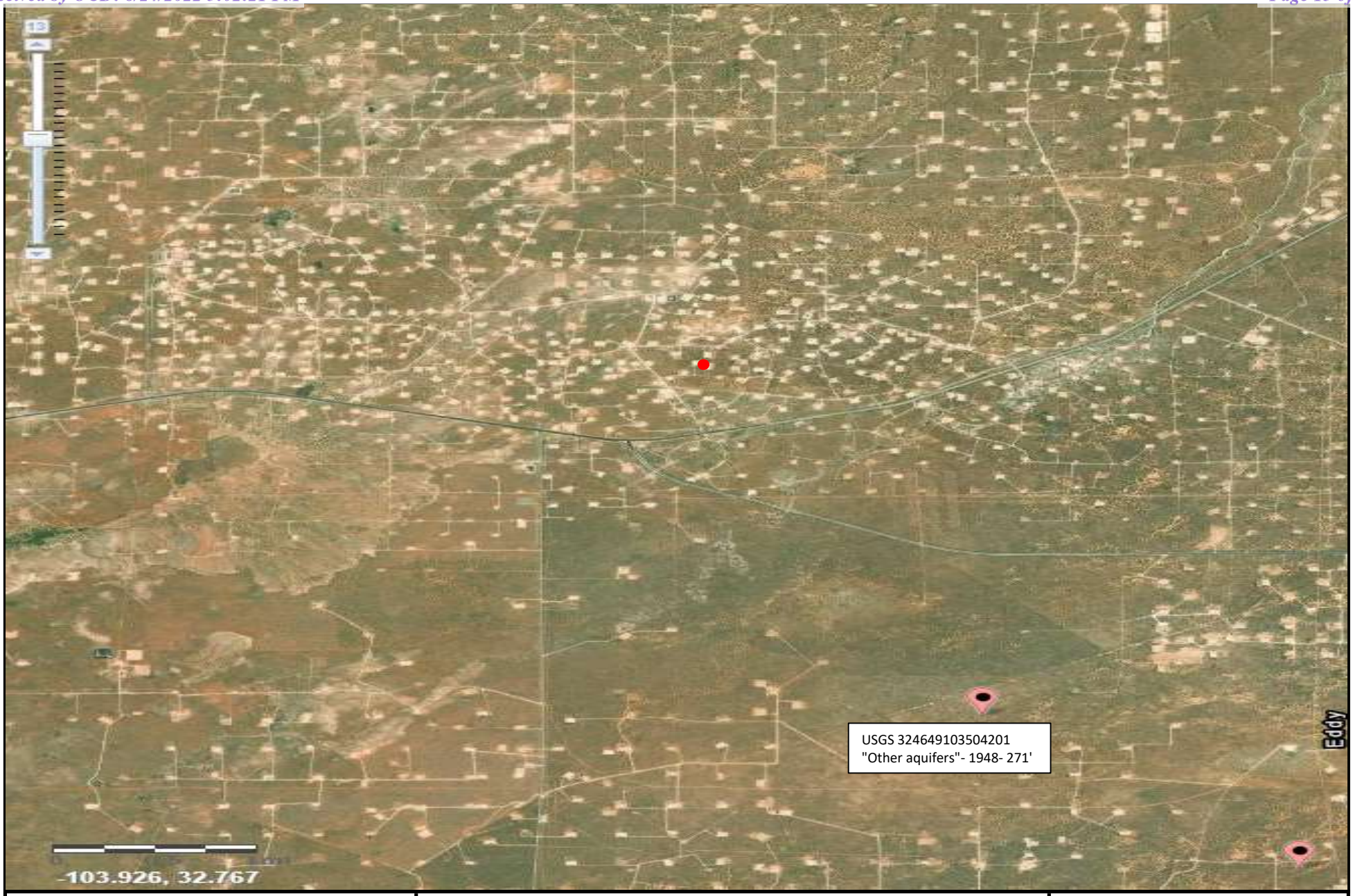
# Figures




| Legend | Topography Map | Figure 1 |
|---|---|---|
| ● Skelly 223 Location | LH Operating, LLC<br>Skelly 223<br>GPS: 32.823696, -103.866479<br>Eddy County | |




| Legend: | OSE POD Locations Map | Figure 2 |
|---|---|---|
| Skelly 223 Location<br>Active OSE Water Well<br>Soil Bore | LH Operating, LLC<br>Skelly 223<br>GPS: 32.823696, -103.866479<br>Eddy County | |




| Legend: | USGS Well Locations Map | Figure 3 |
|---|---|---|
| • Skelly 223 Location | LH Operating, LLC<br>Skelly 223<br>GPS: 32.823696, -103.866479<br>Eddy County | |


| Legend: | Delineation Sample Map | Figure 4 |
|---|---|---|
| Release Area<br>4 | LH Operating, LLC<br>Skelly 223<br>GPS: 32.823696, -103.866479<br>Eddy County New Mexico | |


| Legend | Excavation Sample Map | Figure 5 |
|---|---|---|
| Excavated Area<br>FL Composite Confirmation Sample Location | LH Operating, LLC<br>Skelly 223<br>GPS: 32.823696, -103.866479<br>Eddy County | T SQUARED ENERGY ENVIRONMENTAL |

# Table 2

**TABLE 2**
**Summary of Soil Sample Laboratory Analytical Results**
**Skelly 223**

**NMOCD Incident # nAPP2216651297**

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SP 1 | 6/14/22 | Surf | In-Situ | ND | 22.1 | ND | 14200 | 14200 | 5560 | 19,760 | **5,880** |
| FL1 | 7/8/22 | 2' | Excavated | ND | ND | ND | 135 | 135 | 53.8 | 188.8 | 31.2 |
| FL1 | 7/20/22 | 4' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SP 2 | 6/14/22 | Surf | In-Situ | 0.97 | 26.1 | ND | 82,900 | 82900 | 27900 | 110,800 | **4,250** |
| FL2 | 1/8/22 | 2' | Excavated | ND | ND | ND | 356 | 356 | ND | 356.0 | 35.5 |
| FL2 | 7/20/22 | 4' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SP 3 | 6/14/22 | Surf | In-Situ | 0.55 | 15.6 | ND | 37,000 | 37000 | 14400 | 51,400 | **6,600** |
| FL3 | 7/8/22 | 2' | Excavated | ND | ND | ND | 160 | 160 | 61.9 | 221.9 | 41.6 |
| FL3 | 7/20/22 | 4' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SP 4 | 6/14/22 | Surf | In-Situ | 0.9100 | 43.2 | 409 | 66,100 | 66100 | 22400 | 88,500 | **12,900** |
| FL4 | 7/8/22 | 3' | Excavated | ND | ND | ND | 373 | 373 | 141 | 514.0 | 67.1 |
| FL4 | 7/20/22 | 5' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SP 5 | 6/14/22 | Surf | In-Situ | 0.95 | 37.2 | 418 | 41000 | 41418 | 13900 | 55,318 | 6,380 |
| FL5 | 7/8/22 | 3' | Excavated | ND | ND | ND | 262 | 262 | 150 | 412.0 | 128 |
| FL 5 | 7/20/22 | 5' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| FL6 | 7/8/22 | 3' | Excavated | ND | ND | ND | 221 | 221 | 125 | 346.0 | 140 |
| FL6 | 7/20/22 | 5' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| FL7 | 7/8/22 | 3' | Excavated | ND | ND | ND | 227 | 227 | 98 | 325.0 | 26.5 |
| FL7 | 7/20/22 | 5' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| FL8 | 7/8/22 | 3' | Excavated | ND | ND | ND | 424 | 424 | 200 | 624.0 | 70.2 |
| FL8 | 7/20/22 | 5' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| FL9 | 7/8/22 | 3' | Excavated | ND | ND | ND | 278 | 278 | 173 | 451.0 | 96.8 |
| FL9 | 7/20/22 | 5' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| FL10 | 7/8/22 | 3' | Excavated | ND | ND | ND | 145 | 145 | 63.2 | 208.2 | 48 |
| FL10 | 7/20/22 | 5' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |

**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**
**Skelly 223**

**NMOCD Incident # nAPP2216651297**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HZ 1 | 6/14/22 | Surf | In-Situ | ND | ND | ND | ND | ND | ND | ND | **516** |
| | 6/14/22 | 1' | In-Situ | ND | ND | ND | ND | ND | ND | ND | 214 |
| HZ 1 B | 7/25/22 | Surf | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| | 7/25/22 | 1' | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| HZ 2 | 6/14/22 | Surf | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| | 6/14/22 | 1' | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| HZ 3 | 6/14/22 | Surf | In-Situ | ND | ND | ND | ND | ND | ND | ND | **24** |
| | 6/14/22 | 1' | In-Situ | ND | ND | ND | 144 | 144 | ND | 144 | 145 |
| HZ3 B | 7/25/22 | Surf | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| | 7/25/22 | 1' | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| HZ 4 | 6/14/22 | Surf | In-Situ | ND | ND | ND | ND | ND | ND | ND | 33 |
| | 6/14/22 | 1' | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| HZ 5 | 6/14/22 | Surf | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| | 6/14/22 | 1' | In-Situ | ND | ND | ND | ND | ND | ND | ND | 48 |
| HZ 6 | 6/14/22 | Surf | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| | 6/14/22 | 1' | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| HZ 7 | 6/14/22 | Surf | In-Situ | ND | ND | ND | 80 | ND | ND | ND | 96 |
| | 6/14/22 | 1' | In-Situ | ND | ND | ND | 37.7 | ND | ND | ND | ND |
| | | | | | | | | | | | |
| SW1 | 7/8/22 | | Excavated | ND | ND | ND | 366 | 366 | 156 | 522.0 | 70.6 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW2 | 7/8/22 | | Excavated | ND | ND | ND | 226 | 226 | 113 | 339.0 | 43.8 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW3 | 7/8/22 | | Excavated | ND | ND | ND | 460 | 460 | 221 | 681.0 | 85 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW4 | 7/8/22 | | Excavated | ND | ND | ND | 361 | 361 | 148 | 509.0 | 126 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW5 | 7/8/22 | | Excavated | ND | ND | ND | 812 | 812 | 427 | 1239.0 | 174 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW6 | 7/8/22 | | Excavated | ND | ND | ND | 761 | 761 | ND | 761.0 | 217 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW7 | 7/8/22 | | Excavated | ND | ND | ND | 713 | 713 | ND | 713.0 | 204 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW8 | 7/8/22 | | Excavated | ND | ND | ND | 578 | 578 | ND | 578.0 | 127 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW9 | 7/8/22 | | Excavated | ND | ND | ND | 994 | 994 | 695 | 1689.0 | 34 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW10 | 7/8/22 | | Excavated | ND | ND | ND | 1030 | 1030 | 725 | 1755.0 | 50 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |

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

# Attachment I
# Site Photographs

# Photographs

| Photo: | Description: |
|---|---|

| Photo: | Description: |
|---|---|

# Photographs

| Photo: 3 | Description: |
|---|---|

| Photo: 4 | Description: |
|---|---|

# Photographs

| Photo: 5 | Description: Remediation |
|---|---|

| Photo: 6 | Description: |
|---|---|

# Photographs

| Photo: 7 | Description: |
|---|---|

| Photo: 8 | Description: Release area. |
|---|---|

# Attachment II
# Depth to Groundwater

*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 |
|---|---|---|---|---|---|---|---|---|---|
| | RA 11950 POD1 | 2 | 4 | 2 | 29 | 17S | 31E | 417229 | 3630313 |

**Driller License:** **Driller Company:**

**Driller Name:**

**Drill Start Date:** **Drill Finish Date:** **Plug Date:**

**Log File Date:** **PCW Rcv Date:** **Source:**

**Pump Type:** **Pipe Discharge Size:** **Estimated Yield:**

**Casing Size:** **Depth Well:** **Depth Water:**

*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 |
|---|---|---|---|---|---|---|---|---|---|
| | LWD 03233 POD1 | | 1 | 4 | 16 | 17S | 31E | 605524 | 3633307* |

**Driller License:** **Driller Company:**

**Driller Name:**

**Drill Start Date:** **Drill Finish Date:** **Plug Date:**

**Log File Date:** **PCW Rcv Date:** **Source:**

**Pump Type:** **Pipe Discharge Size:** **Estimated Yield:**

**Casing Size:** **Depth Well:** **Depth Water:**

***UTM location was derived from PLSS - see Help**

# New Mexico Office of the State Engineer
# Water Right Summary

get image list

**WR File Number:** LWD 03233 **Subbasin:** RA **Cross Reference:** LWD-RA-319

**Primary Purpose:** PLS NON 72-12-1 LIVESTOCK WATERING

**Primary Status:** DCL DECLARATION

**Total Acres:** 1 **Subfile:** - **Header:** -

**Total Diversion:** 6 **Cause/Case:** -

**Owner:** CHARLES R MARTIN INC

**Contact:** CHARLES M WARD, VP

## Documents on File

| | Trn # | Doc | File/Act | Status 1 | Status 2 | Transaction Desc. | From/ To | Acres | Diversion | Consumptive |
|---|---|---|---|---|---|---|---|---|---|---|
| get images | 696718 | DCL | 1992-09-28 | DCL | PRC | LWD-RA-319 | T | 1 | 6 | |

## Current Points of Diversion

(NAD83 UTM in meters)

| POD Number | Well Tag | Source | Q 64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | Other Location Desc |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LWD 03233 POD1 | | | | 1 | 4 | 16 | 17S | 31E | 605524 | 3633307* | |

***An (*) after northing value indicates UTM location was derived from PLSS - see Help**

## Priority Summary

| Priority | Status | Acres | Diversion | Pod Number |
|---|---|---|---|---|
| 12/31/1952 | DCL | 1 | 6 | LWD 03233 POD1 |

## Place of Use

| Q 256 | Q 64 | Q16 | Q4 | Sec | Tws | Rng | Acres | Diversion | CU | Use | Priority | Status | Other Location Desc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 4 | 16 | 17S | 31E | | 1 | 6 | | PLS | 12/31/1952 | DCL | |

## Source

| Acres | Diversion | CU | Use | Priority | Source | Description |
|---|---|---|---|---|---|---|
| 1 | 6 | | PLS | 12/31/1952 | SW | |

*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 |
|---|---|---|---|---|---|---|---|---|---|
| | LWD 03233 POD1 | | 1 | 4 | 16 | 17S | 31E | 605524 | 3633307* |

**Driller License:** **Driller Company:**

**Driller Name:**

**Drill Start Date:** **Drill Finish Date:** **Plug Date:**

**Log File Date:** **PCW Rcv Date:** **Source:**

**Pump Type:** **Pipe Discharge Size:** **Estimated Yield:**

**Casing Size:** **Depth Well:** **Depth Water:**

***UTM location was derived from PLSS - see Help**

*New Mexico Office of the State Engineer*

# Water Right Summary

**WR File Number:** RA 11950 **Subbasin:** RA **Cross Reference:** -

**Primary Purpose:** GEO GEOTHERMAL BOREHOLES

**Primary Status:** PMT PERMIT

**Total Acres:** **Subfile:** - **Header:** -

**Total Diversion:** 0 **Cause/Case:** -

**Agent:** ALAN HOPPER

**Owner:** CENTRAL VALLEY ELECTRIC COOP

**Contact:** PHILIP R. MCKEE

**Documents on File**

| Trn # | Doc | File/Act | Status 1 | Status 2 | Transaction Desc. | From/ To | Acres | Diversion | Consumptive |
|---|---|---|---|---|---|---|---|---|---|
| 527356 | EXPL | 2013-05-08 | PMT | APR | RA 11950 | T | 0 | 0 | |

**Current Points of Diversion**

(NAD83 UTM in meters)

| POD Number | Well Tag | Source | Q 64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | Other Location Desc |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RA 11950 POD1 | | | 2 | 4 | 2 | 29 | 17S | 31E | 417229 | 3630313 | |
| RA 11950 POD2 | | | 4 | 1 | 3 | 28 | 17S | 31E | 604851 | 3630041 | |

# New Mexico Office of the State Engineer
# Water Right Summary

get image list

**WR File Number:** LWD 03233 **Subbasin:** RA **Cross Reference:** LWD-RA-319

**Primary Purpose:** PLS NON 72-12-1 LIVESTOCK WATERING

**Primary Status:** DCL DECLARATION

**Total Acres:** 1 **Subfile:** - **Header:** -

**Total Diversion:** 6 **Cause/Case:** -

**Owner:** CHARLES R MARTIN INC

**Contact:** CHARLES M WARD, VP

## Documents on File

| Trn # | Doc | File/Act | Status 1 | Status 2 | Transaction Desc. | From/ To | Acres | Diversion | Consumptive |
|---|---|---|---|---|---|---|---|---|---|
| get images 696718 | DCL | 1992-09-28 | DCL | PRC | LWD-RA-319 | T | 1 | 6 | |

## Current Points of Diversion

(NAD83 UTM in meters)

| POD Number | Well Tag | Source | Q 64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | Other Location Desc |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LWD 03233 POD1 | | | | 1 | 4 | 16 | 17S | 31E | 605524 | 3633307* | |

***An (*) after northing value indicates UTM location was derived from PLSS - see Help**

## Priority Summary

| Priority | Status | Acres | Diversion | Pod Number |
|---|---|---|---|---|
| 12/31/1952 | DCL | 1 | 6 | LWD 03233 POD1 |

## Place of Use

| Q 256 | Q 64 | Q16 | Q4 | Sec | Tws | Rng | Acres | Diversion | CU | Use | Priority | Status | Other Location Desc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 4 | 16 | 17S | 31E | 1 | 6 | | PLS | 12/31/1952 | DCL | |

## Source

| Acres | Diversion | CU | Use | Priority | Source | Description |
|---|---|---|---|---|---|---|
| 1 | 6 | | PLS | 12/31/1952 | SW | |

6/17/22 9:05 PM

WATER RIGHT
SUMMARY

# *New Mexico Office of the State Engineer*
# Water Right Summary

get image list

**WR File Number:** RA 11590 **Subbasin:** RA **Cross Reference:** -

**Primary Purpose:**

**Primary Status:** PMT PERMIT

**Total Acres:** **Subfile:** - **Header:** -

**Total Diversion:** 0 **Cause/Case:** -

**Owner:** NEW MEXICO STATE LAND OFFICE

**Contact:** DALLAS RIPPY, ASST COMM OF RECR DIV

**Documents on File**

| | Trn # | Doc | File/Act | Status 1 | Status 2 | Transaction Desc. | From/ To | Acres | Diversion | Consumptive |
|---|---|---|---|---|---|---|---|---|---|---|
| get images | 449198 | EXPL | 2010-01-22 | PMT | APR | RA 11590 EXPLORATORY | T | 0 | 0 | |

**Current Points of Diversion**

(NAD83 UTM in meters)

| POD Number | Well Tag | Source | Q 64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | Other Location Desc |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RA 11590 POD1 | | | 2 | 1 | 3 | 32 | 17S | 31E | 603315 | 3628545 | C-1 |
| RA 11590 POD2 | | | 1 | 1 | 4 | 32 | 17S | 31E | 603916 | 3628576 | C-2 |
| RA 11590 POD3 | | | 3 | 1 | 2 | 32 | 17S | 31E | 603932 | 3629260 | C-3 |
| RA 11590 POD4 | | | 4 | 1 | 1 | 32 | 17S | 31E | 603308 | 3629253 | C-4 |

*New Mexico Office of the State Engineer*

# Point of Diversion Summary

| Well Tag | POD Number | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y |
|---|---|---|---|---|---|---|---|---|---|
| | RA 11590 POD1 | 2 | 1 | 3 | 32 | 17S | 31E | 603315 | 3628545 |

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

**Driller License:** 225 **Driller Company:** RODGERS & CO., INC.

**Driller Name:**

| | | | | | |
|---|---|---|---|---|---|
| **Drill Start Date:** | 01/20/2010 | **Drill Finish Date:** | 01/26/2010 | **Plug Date:** | |
| **Log File Date:** | 04/23/2010 | **PCW Rcv Date:** | | **Source:** | |
| **Pump Type:** | | **Pipe Discharge Size:** | | **Estimated Yield:** | |
| **Casing Size:** | | **Depth Well:** | 158 feet | **Depth Water:** | |

National Water Information System: Web Interface

USGS Water Resources

Data Category: Site Information | Geographic Area: United States | GO

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

# USGS 324649103504201 17S.31E.34

Available data for this site SUMMARY OF ALL AVAILABLE DATA | GO

## Well Site

DESCRIPTION:

Latitude 32°46'49", Longitude 103°50'42" NAD27
Eddy County, New Mexico , Hydrologic Unit 13060011
Well depth: 271 feet
Well completed in "Other aquifers" (N9999OTHER) national aquifer.

AVAILABLE DATA:

| Data Type | Begin Date | End Date | Count |
|---|---|---|---|
| Field/Lab water-quality samples | 1948-12-06 | 1948-12-06 | 1 |
| Revisions | Unavailable (site:0) (timeseries:0) | | |

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center
Email questions about this site to New Mexico Water Science Center Water-Data Inquiries

---

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

U.S. Department of the Interior | U.S. Geological Survey

**Title: NWIS Site Information for USA: Site Inventory**
**URL: https://waterdata.usgs.gov/nwis/inventory?agency_code=USGS&site_no=324649103504201**

Page Contact Information: New Mexico Water Data Support Team
Page Last Modified: 2022-08-15 09:30:49 EDT
0.27 0.26 caww01

National Water Information System: Web Interface

USGS Water Resources

Data Category: Water Quality | Geographic Area: United States | GO

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Water Quality Samples for the Nation

## USGS 324649103504201 17S.31E.34

Available data for this site | Water-Quality: Field/Lab samples | GO

Eddy County, New Mexico
Latitude 32°46'49", Longitude 103°50'42" NAD27
Site Type: Well
The depth of the well is 271 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

**Period of record**

| Begin Date | End Date | Samples |
|---|---|---|
| 1948-12-06 | 1948-12-06 | 1 |

Choose Output Format

Retrieve Water-Quality Samples for Selected Sites
**Choose one of the following options for displaying data for the sites meeting the criteria above**

---

○ ?
Parameter Group Period of Record table
○ ?
Inventory of water-quality data For printing
○ ?
Tab-separated inventory of water-quality data Save to file *
?
Retrieve data from: to: (YYYY-MM-DD -- **Blank = all data**)
?

Retrieve sample time and time zone ◉ as stored ○ in UTC
?
Retrieve samples for specified parameter values: (Parameter Code)
Greater than (Numeric Value)
?
Samples and parameters to include:
○ Samples that include only above parameter selection criteria (Count: 0)
◉ Samples that include above selection criteria and all associated parameters
○ Samples that include above selection criteria plus one or more of these parameter codes separated by a comma (Limit: 200 codes).

<--Find parameter codes
○ Samples that include above selection criteria plus one or more of these parameters in a file
Enter the full pathname of a file containing parameter codes. (Limit: 200 codes)
Choose File No file chosen

---

○
?
Table of data Default attributes
○
?
Tab-separated data One sample per row with remark codes combined with values Default attributes
YYYY-MM-DD Save to file *

* Save compressed files with a .gz file extension.

Submit Reset Help

---

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



**Title: Water Quality Samples -- 1 sites found**
**URL: https://nwis.waterdata.usgs.gov/nwis/qwdata?**

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2022-08-15 09:32:17 EDT
0.18 0.17 nadww01

# Attachment III
# Field Data

(11 Strips)

## Sample Log

Date: 6-29-2022

Project: [redacted] Skelly 223

Latitude: _____ Longitude: _____ Sampler: _____

| Sample ID | Depth | PID/Odor | Chloride | GPS |
|---|---|---|---|---|
| Sidewall W | | / | reading under 600 | |
| Sidewall E | | / | reading under 600 | |
| Sidewall S | | / | reading 600 | |
| Sidewall W | | | reading under 600 | |
| Bottom Hole 2' | | TPH | 2,404 | |
| | | TPH | 1,224 | |
| Sidewall N | | / | reading under 600 | |
| Sidewall E | | / | reading under 600 | |
| Sidewall S | | / | reading under 600 | |
| Sidewall W | | / | reading under 600 | |
| Bottom Hole | | / | reading under 600 | |

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

18 strips

T2 Environmental

# Sample Log

Date: 6.28.22

Project: Skelly 223 - LH operating

Latitude: 32.823696 Longitude: -103.866479 Sampler:

| Sample ID | Depth | PID/Odor | Chloride | GPS |
|---|---|---|---|---|
| Sp1-surface | | / | under 600 | |
| Sp1- 1' | | / | under 600 | |
| Sp1- 2' | | | under 600 | |
| Sp1- 3' | | | under 600 | |
| Sp1-4' | | | under 600 | |
| | | | | |
| Sp2 surface | | | under 600 | |
| Sp2 - 1' | | | under 600 | |
| Sp2 - 2' | | | under 600 | |
| Sp2 . 3' | | | under 600 | |
| Sp2 - 4 | | | | |
| | | | | |
| Sp3 surface | | | 2,216 | |
| Sp3 1' | 1' | TPH | 2,648 | |
| Sp3 2' | 2' | TPH | 2,904 | |
| Sp3 3' | 3' | TPH | 4,464 | |
| Sp3 4' | 4' | TPH | 2,904 | |
| | 5' | | | |
| Sp1 Sp1 | 1' | | < 100 ✓ under 600 | |
| | | | | |
| | | | | |
| | | | | |
| | | | 440 x 4 = 1760 | |
| Sp3. | 7' | | | |
| | 8' | | | |
| | 2' | | | |

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

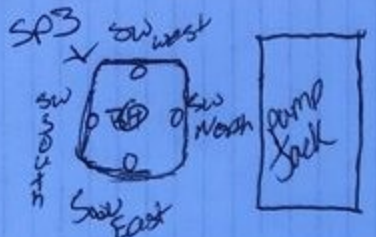
Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1

Stockpile = Stockpile #1

# Skelly 223

6-29-2022





notes:

- Today we digging the ~~[illegible]~~ hole on the other side of the pump Jack and we tested the hole also which the north side, the south side, the east side, and the west side were reading under 600 and the bottom hole was reading at 2,000 then we called Lindsey to see what we needed to do next.

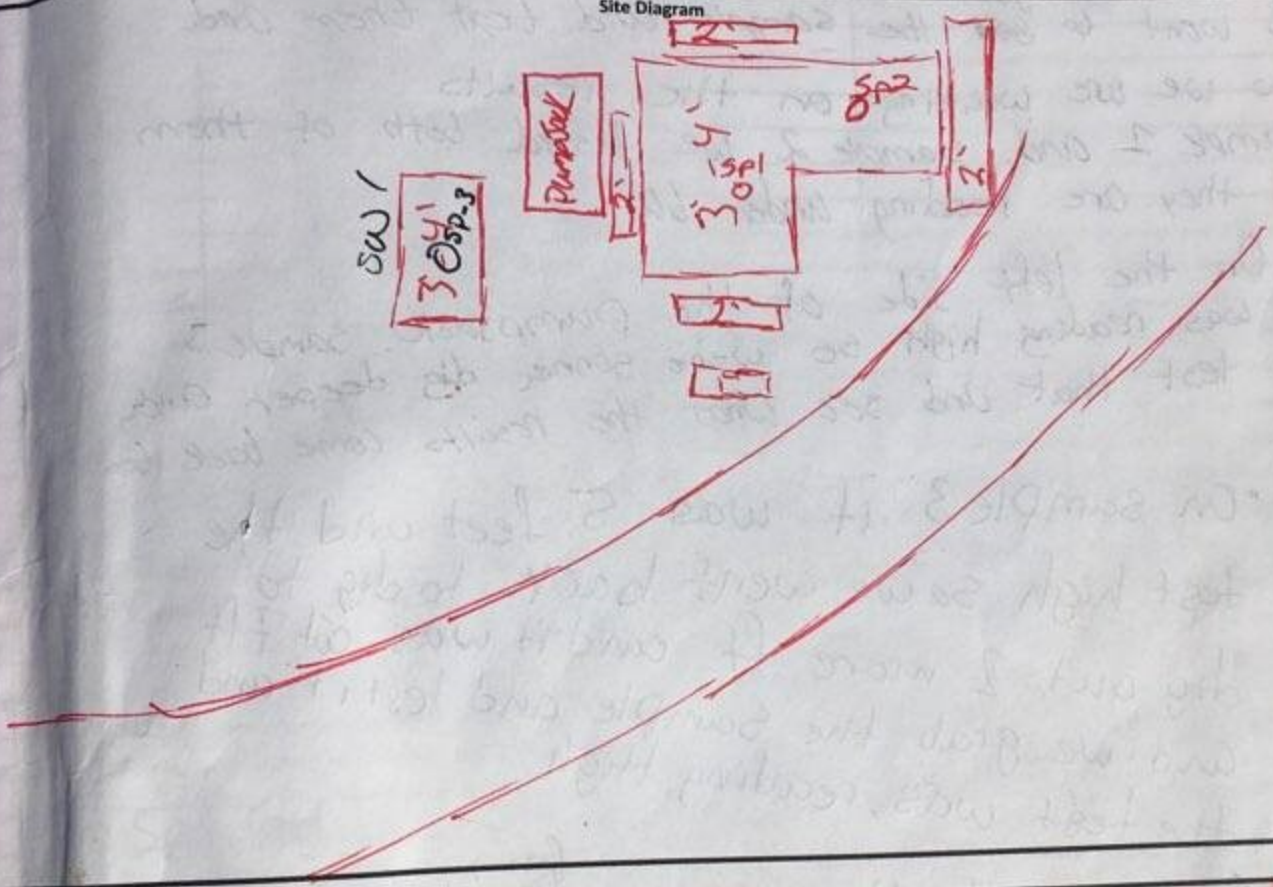
- On sample 4 hole we grab the sample from the bottom and the side wall and we tested sw North, SW East, Sw South, Sw West and the bottom hole and the results came back reading under 600

SW - sidewall

# Initial Site Assessment

Project: Skelly 223 - LH operating
Latitude: 32.823696
Longitude: -103.866479
Clean Up Level: 600ppm/100 - 10,000/2500
Date:

Site Diagram



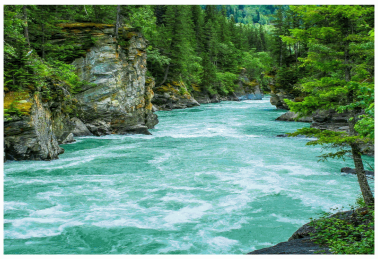

Notes: We picked up the old mat to the pumpjack and under the wellhead and we also got two samples. One sample we got from the 3' foot to 4' foot and the sample 2 we got from 3' foot hole that Joe dig out. Sample 1 all 4 1'-4' did not read so we went deep another foot

| | | | | Yes | No |
|---|---|---|---|---|---|
| ength: | ~Width: | ~Area: | ~Depth: | | |
| otos of the affected area? | | | | ☐ | ☐ |
| mples field screened and on Ice? | | | | ☐ | ☐ |
| mple field data entered on Sample Log? | | | | ☐ | ☐ |
| rizontal and Vertical delineation achieved? | | | | ☐ | ☐ |

# Attachment IV
# Laboratory Analytical Reports

Report to:

Lindsey Nevels



5796 U.S. Hwy 64
Farmington, NM 87401

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

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

### LH Operating

Project Name: Skelly 223

Work Order: E206121

Job Number: 22055-0001

Received: 6/16/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/22/22

Date Reported: 6/22/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly 223
Workorder: E206121
Date Received: 6/16/2022 1:16:00PM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/16/2022 1:16:00PM, under the Project Name: Skelly 223.

The analytical test results summarized in this report with the Project Name: Skelly 223 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
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

**Alexa Michaels**
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

**Southern New Mexico Area**
**Lynn Jarboe**
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

**West Texas Midland/Odessa Area**
**Rayny Hagan**
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

# Table of Contents

# Sample Summary

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 06/22/22 14:27 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| Sp1 - Surf | E206121-01A | Soil | 06/14/22 | 06/16/22 | Glass Jar, 4 oz. |
| Sp2 - Surf | E206121-02A | Soil | 06/14/22 | 06/16/22 | Glass Jar, 4 oz. |
| Sp3 - Surf | E206121-03A | Soil | 06/14/22 | 06/16/22 | Glass Jar, 4 oz. |
| Sp4 - Surf | E206121-04A | Soil | 06/14/22 | 06/16/22 | Glass Jar, 4 oz. |
| Sp5 - Surf | E206121-05A | Soil | 06/14/22 | 06/16/22 | Glass Jar, 4 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## Sp1 - Surf

**E206121-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Benzene | ND | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Ethylbenzene | **12.4** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Toluene | **8.79** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| o-Xylene | **7.05** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| p,m-Xylene | **15.1** | 1.00 | 20 | 06/20/22 | 06/21/22 | |
| Total Xylenes | **22.1** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *105 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *97.1 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Gasoline Range Organics (C6-C10) | ND | 400 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *105 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *97.1 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: AK | | | Batch: 2226020 |
| Diesel Range Organics (C10-C28) | **14200** | 2500 | 100 | 06/20/22 | 06/21/22 | |
| Oil Range Organics (C28-C36) | **5560** | 5000 | 100 | 06/20/22 | 06/21/22 | |
| *Surrogate: n-Nonane* | | *187 %* | *50-200* | *06/20/22* | *06/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2226026 |
| Chloride | **5880** | 100 | 5 | 06/20/22 | 06/20/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## Sp2 - Surf

**E206121-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Benzene | **0.970** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Ethylbenzene | **14.1** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Toluene | **10.8** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| o-Xylene | **8.73** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| p,m-Xylene | **17.3** | 1.00 | 20 | 06/20/22 | 06/21/22 | |
| Total Xylenes | **26.1** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *102 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *95.6 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Gasoline Range Organics (C6-C10) | ND | 400 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *102 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *95.6 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: AK | | | Batch: 2226020 |
| Diesel Range Organics (C10-C28) | **82900** | 2500 | 100 | 06/20/22 | 06/21/22 | |
| Oil Range Organics (C28-C36) | **27900** | 5000 | 100 | 06/20/22 | 06/21/22 | |
| *Surrogate: n-Nonane* | | *731 %* | *50-200* | *06/20/22* | *06/21/22* | *S5* |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2226026 |
| Chloride | **4250** | 100 | 5 | 06/20/22 | 06/20/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## Sp3 - Surf

**E206121-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Benzene | **0.550** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Ethylbenzene | **8.03** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Toluene | **4.64** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| o-Xylene | **5.33** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| p,m-Xylene | **10.3** | 1.00 | 20 | 06/20/22 | 06/21/22 | |
| Total Xylenes | **15.6** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *102 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *106 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *94.8 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Gasoline Range Organics (C6-C10) | ND | 400 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *102 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *106 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *94.8 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: AK | | | Batch: 2226020 |
| Diesel Range Organics (C10-C28) | **37000** | 2500 | 100 | 06/20/22 | 06/21/22 | |
| Oil Range Organics (C28-C36) | **14400** | 5000 | 100 | 06/20/22 | 06/21/22 | |
| *Surrogate: n-Nonane* | | *%* | *50-200* | *06/20/22* | *06/21/22* | *S6* |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2226026 |
| Chloride | **6600** | 100 | 5 | 06/20/22 | 06/20/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## Sp4 - Surf

**E206121-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Benzene | **0.910** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Ethylbenzene | **23.2** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Toluene | **12.2** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| o-Xylene | **14.5** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| p,m-Xylene | **28.7** | 1.00 | 20 | 06/20/22 | 06/21/22 | |
| Total Xylenes | **43.2** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *95.9 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Gasoline Range Organics (C6-C10) | **409** | 400 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *95.9 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: AK | | | Batch: 2226020 |
| Diesel Range Organics (C10-C28) | **66100** | 2500 | 100 | 06/20/22 | 06/21/22 | |
| Oil Range Organics (C28-C36) | **22400** | 5000 | 100 | 06/20/22 | 06/21/22 | |
| *Surrogate: n-Nonane* | | *518 %* | *50-200* | *06/20/22* | *06/21/22* | *S5* |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2226026 |
| Chloride | **12900** | 400 | 20 | 06/20/22 | 06/20/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## Sp5 - Surf

**E206121-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Benzene | **0.950** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Ethylbenzene | **19.7** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Toluene | **11.0** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| o-Xylene | **12.3** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| p,m-Xylene | **25.0** | 1.00 | 20 | 06/20/22 | 06/21/22 | |
| Total Xylenes | **37.2** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *103 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *98.9 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Gasoline Range Organics (C6-C10) | **418** | 400 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *103 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *98.9 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: AK | | | Batch: 2226020 |
| Diesel Range Organics (C10-C28) | **41000** | 2500 | 100 | 06/20/22 | 06/21/22 | |
| Oil Range Organics (C28-C36) | **13900** | 5000 | 100 | 06/20/22 | 06/21/22 | |
| *Surrogate: n-Nonane* | | *%* | *50-200* | *06/20/22* | *06/21/22* | *S6* |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2226026 |
| Chloride | **6380** | 200 | 10 | 06/20/22 | 06/20/22 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## 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 (2226022-BLK1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/21/22 |
| 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* | *0.490* | | *0.500* | | *97.9* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.522* | | *0.500* | | *104* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.483* | | *0.500* | | *96.6* | *70-130* | | | |
| **LCS (2226022-BS1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/21/22 |
| Benzene | 2.13 | 0.0250 | 2.50 | | 85.2 | 70-130 | | | |
| Ethylbenzene | 2.12 | 0.0250 | 2.50 | | 84.9 | 70-130 | | | |
| Toluene | 2.07 | 0.0250 | 2.50 | | 82.7 | 70-130 | | | |
| o-Xylene | 2.20 | 0.0250 | 2.50 | | 87.9 | 70-130 | | | |
| p,m-Xylene | 4.27 | 0.0500 | 5.00 | | 85.4 | 70-130 | | | |
| Total Xylenes | 6.47 | 0.0250 | 7.50 | | 86.2 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.513* | | *0.500* | | *103* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.508* | | *0.500* | | *102* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.498* | | *0.500* | | *99.6* | *70-130* | | | |
| **LCS Dup (2226022-BSD1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/21/22 |
| Benzene | 2.35 | 0.0250 | 2.50 | | 94.1 | 70-130 | 9.84 | 23 | |
| Ethylbenzene | 2.38 | 0.0250 | 2.50 | | 95.1 | 70-130 | 11.3 | 27 | |
| Toluene | 2.34 | 0.0250 | 2.50 | | 93.4 | 70-130 | 12.1 | 24 | |
| o-Xylene | 2.45 | 0.0250 | 2.50 | | 98.2 | 70-130 | 11.0 | 27 | |
| p,m-Xylene | 4.81 | 0.0500 | 5.00 | | 96.2 | 70-130 | 11.9 | 27 | |
| Total Xylenes | 7.27 | 0.0250 | 7.50 | | 96.9 | 70-130 | 11.6 | 27 | |
| *Surrogate: Bromofluorobenzene* | *0.517* | | *0.500* | | *103* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.489* | | *0.500* | | *97.8* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.503* | | *0.500* | | *101* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## 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 (2226022-BLK1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/21/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: Bromofluorobenzene* | *0.490* | | *0.500* | | *97.9* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.522* | | *0.500* | | *104* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.483* | | *0.500* | | *96.6* | *70-130* | | | |
| **LCS (2226022-BS2)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/21/22 |
| Gasoline Range Organics (C6-C10) | 44.5 | 20.0 | 50.0 | | 89.0 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.508* | | *0.500* | | *102* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.487* | | *0.500* | | *97.4* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.506* | | *0.500* | | *101* | *70-130* | | | |
| **LCS Dup (2226022-BSD2)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/21/22 |
| Gasoline Range Organics (C6-C10) | 46.2 | 20.0 | 50.0 | | 92.5 | 70-130 | 3.77 | 20 | |
| *Surrogate: Bromofluorobenzene* | *0.511* | | *0.500* | | *102* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.483* | | *0.500* | | *96.5* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.509* | | *0.500* | | *102* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2226020-BLK1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/20/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *52.5* | | *50.0* | | *105* | *50-200* | | | |
| **LCS (2226020-BS1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/20/22 |
| Diesel Range Organics (C10-C28) | 487 | 25.0 | 500 | | 97.3 | 38-132 | | | |
| *Surrogate: n-Nonane* | *50.1* | | *50.0* | | *100* | *50-200* | | | |
| **Matrix Spike (2226020-MS1)** | | | | **Source: E206124-03** | | | | | Prepared: 06/20/22 Analyzed: 06/20/22 |
| Diesel Range Organics (C10-C28) | 580 | 25.0 | 500 | 63.2 | 103 | 38-132 | | | |
| *Surrogate: n-Nonane* | *52.1* | | *50.0* | | *104* | *50-200* | | | |
| **Matrix Spike Dup (2226020-MSD1)** | | | | **Source: E206124-03** | | | | | Prepared: 06/20/22 Analyzed: 06/20/22 |
| Diesel Range Organics (C10-C28) | 613 | 25.0 | 500 | 63.2 | 110 | 38-132 | 5.50 | 20 | |
| *Surrogate: n-Nonane* | *54.1* | | *50.0* | | *108* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## Anions by EPA 300.0/9056A

Analyst: KL

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2226026-BLK1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/20/22 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2226026-BS1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/20/22 |
| Chloride | 251 | 20.0 | 250 | | 101 | 90-110 | | | |
| **LCS Dup (2226026-BSD1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/20/22 |
| Chloride | 250 | 20.0 | 250 | | 100 | 90-110 | 0.614 | 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

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 06/22/22 14:27 |

| | |
|---|---|
| S5 | Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes. |
| S6 | Surrogate was diluted out due to high concentrations of target and/or non-target analytes and does not provide useful information. The associated LCS spike recovery was acceptable. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |

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

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

Client: LH Operating
Project: Skelly 223
Sampler: Lindsey Weaver
Phone: 432241 2490
Email(s): Lindsey@TSQualedonergy.com
Project Manager:

RUSH? ☐ 1d ☐ 3d

Lab Use Only
Lab WO# ~~P~~E206121
Job Number 22055-0001

Page 1 of 1

| Sample ID | Sample Date | Sample Time | Matrix | Containers QTY - Vol/TYPE/Preservative | GRO/DRO by 8015 DRO | BTEX by 8021 | TPH by ~~418.1~~ 8015 | Chloride by 300.0 | Lab Number | Correct Cont/Prsrv (s) Y/N |
|---|---|---|---|---|---|---|---|---|---|---|
| Sp1- Surf | 6/14/22 | | S | | — | — | — | — | 1 | |
| Sp2- Surf | 6/14/22 | | | | — | — | — | — | 2 | |
| Sp3- Surf | 6/14/22 | | | | — | — | — | — | 3 | |
| Sp4- Surf | 6/14/22 | | | | — | — | — | — | 4 | |
| Sp5- Surf | 6/14/22 | | | | — | — | — | — | 5 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 6/14/22 | | | 6/14/22 | 1530 |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
| | 6-15-22 | 1545 | | 6/14/22 | 13:16 |

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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com laboratory@envirotech-inc.com

# Envirotech Analytical Laboratory

Printed: 6/20/2022 1:08:59PM

## 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: | LH Operating | Date Received: | 06/16/22 13:16 | Work Order ID: | E206121 |
| Phone: | - | Date Logged In: | 06/16/22 14:53 | Logged In By: | Alexa Michaels |
| Email: | lnevels@hazmatspecialservices.com | Due Date: | 06/21/22 17:00 (3 day TAT) | | |

**Chain of Custody (COC)**

| | | |
|---|---|---|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: Courier |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No | |
| 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 | |

**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? | No | |
| 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 |

**Comments/Resolution**

Time sampled not provided on COC.

**Client Instruction**

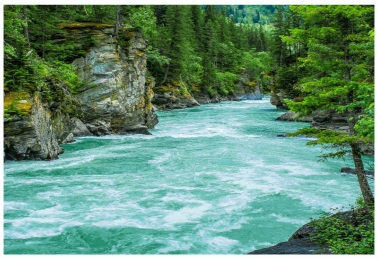
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Lindsey Nevels



5796 U.S. Hwy 64
Farmington, NM 87401

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

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

### LH Operating

Project Name: Skelly 223

Work Order: E207052

Job Number: 22055-0001

Received: 7/13/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/19/22

Date Reported: 7/19/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly 223
Workorder: E207052
Date Received: 7/13/2022 10:23:00AM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/13/2022 10:23:00AM, under the Project Name: Skelly 223.

The analytical test results summarized in this report with the Project Name: Skelly 223 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,

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# Table of Contents

# Sample Summary

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 07/19/22 11:59 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| FL 1 | E207052-01A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 2 | E207052-02A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 3 | E207052-03A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 4 | E207052-04A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 5 | E207052-05A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 6 | E207052-06A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 7 | E207052-07A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 8 | E207052-08A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 9 | E207052-09A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 10 | E207052-10A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 1

**E207052-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *101 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *91.2 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **135** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **53.8** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *115 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **31.2** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 2

**E207052-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *105 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.4 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **356** | 250 | 10 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | ND | 500 | 10 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *113 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **35.5** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 3

**E207052-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *106 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *89.5 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **160** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **61.9** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *113 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **41.6** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 4

**E207052-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *106 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.7 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **373** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **141** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *116 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **67.1** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 5

**E207052-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *105 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.7 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **262** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **150** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *115 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **128** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 6

**E207052-06**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *107 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *91.7 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **221** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **125** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *113 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **140** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 7

**E207052-07**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *106 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *92.4 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **227** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **98.0** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *113 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **26.5** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 8

**E207052-08**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *106 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.6 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **424** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **200** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *116 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **70.2** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 9

**E207052-09**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *106 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.6 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **278** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **173** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *117 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **96.8** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 10

**E207052-10**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *107 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *91.1 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **145** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **63.2** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *115 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **48.0** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## Volatile Organics by EPA 8021B

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2229054-BLK1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.03* | | *8.00* | | *100* | *70-130* | | | |
| **LCS (2229054-BS1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Benzene | 5.02 | 0.0250 | 5.00 | | 100 | 70-130 | | | |
| Ethylbenzene | 4.34 | 0.0250 | 5.00 | | 86.9 | 70-130 | | | |
| Toluene | 4.71 | 0.0250 | 5.00 | | 94.2 | 70-130 | | | |
| o-Xylene | 4.63 | 0.0250 | 5.00 | | 92.6 | 70-130 | | | |
| p,m-Xylene | 8.97 | 0.0500 | 10.0 | | 89.7 | 70-130 | | | |
| Total Xylenes | 13.6 | 0.0250 | 15.0 | | 90.7 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.12* | | *8.00* | | *101* | *70-130* | | | |
| **LCS Dup (2229054-BSD1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Benzene | 5.03 | 0.0250 | 5.00 | | 101 | 70-130 | 0.205 | 20 | |
| Ethylbenzene | 4.36 | 0.0250 | 5.00 | | 87.2 | 70-130 | 0.311 | 20 | |
| Toluene | 4.72 | 0.0250 | 5.00 | | 94.4 | 70-130 | 0.264 | 20 | |
| o-Xylene | 4.65 | 0.0250 | 5.00 | | 93.0 | 70-130 | 0.385 | 20 | |
| p,m-Xylene | 9.00 | 0.0500 | 10.0 | | 90.0 | 70-130 | 0.354 | 20 | |
| Total Xylenes | 13.6 | 0.0250 | 15.0 | | 91.0 | 70-130 | 0.364 | 20 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.16* | | *8.00* | | *102* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2229054-BLK1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.10* | | *8.00* | | *88.8* | *70-130* | | | |
| **LCS (2229054-BS2)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Gasoline Range Organics (C6-C10) | 43.6 | 20.0 | 50.0 | | 87.2 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.33* | | *8.00* | | *91.7* | *70-130* | | | |
| **LCS Dup (2229054-BSD2)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Gasoline Range Organics (C6-C10) | 42.7 | 20.0 | 50.0 | | 85.5 | 70-130 | 1.98 | 20 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.25* | | *8.00* | | *90.7* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2229065-BLK1)** | | | | | | | | | Prepared: 07/14/22 Analyzed: 07/14/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *57.3* | | *50.0* | | *115* | *50-200* | | | |
| **LCS (2229065-BS1)** | | | | | | | | | Prepared: 07/14/22 Analyzed: 07/14/22 |
| Diesel Range Organics (C10-C28) | 567 | 25.0 | 500 | | 113 | 38-132 | | | |
| *Surrogate: n-Nonane* | *55.8* | | *50.0* | | *112* | *50-200* | | | |
| **Matrix Spike (2229065-MS1)** | | | | **Source: E207053-05** | | | | | Prepared: 07/14/22 Analyzed: 07/14/22 |
| Diesel Range Organics (C10-C28) | 1510 | 125 | 500 | 812 | 139 | 38-132 | | | M2 |
| *Surrogate: n-Nonane* | *66.8* | | *50.0* | | *134* | *50-200* | | | |
| **Matrix Spike Dup (2229065-MSD1)** | | | | **Source: E207053-05** | | | | | Prepared: 07/14/22 Analyzed: 07/14/22 |
| Diesel Range Organics (C10-C28) | 1990 | 125 | 500 | 812 | 236 | 38-132 | 27.7 | 20 | M2, R3 |
| *Surrogate: n-Nonane* | *66.3* | | *50.0* | | *133* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## Anions by EPA 300.0/9056A

Analyst: RAS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2229050-BLK1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/15/22 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2229050-BS1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/15/22 |
| Chloride | 243 | 20.0 | 250 | | 97.1 | 90-110 | | | |
| **Matrix Spike (2229050-MS1)** | | | | **Source: E207052-01** | | | | | Prepared: 07/13/22 Analyzed: 07/15/22 |
| Chloride | 276 | 20.0 | 250 | 31.2 | 97.9 | 80-120 | | | |
| **Matrix Spike Dup (2229050-MSD1)** | | | | **Source: E207052-01** | | | | | Prepared: 07/13/22 Analyzed: 07/15/22 |
| Chloride | 277 | 20.0 | 250 | 31.2 | 98.3 | 80-120 | 0.353 | 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

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 07/19/22 11:59 |

| | |
|---|---|
| M2 | Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable. |
| R3 | The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |

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

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

Project Information | Chain of Custody | Page 1 of 1

| | | | |
|---|---|---|---|
| Client: LH Operating | Bill To | Lab Use Only | TAT / EPA Program |
| Project: Skelly 223 | Attention: T Squared | Lab WO# PE207052 | Job Number 22055-0001 |
| Project Manager: Lindsey Nevels | Address: | 1D 2D 3D Standard: X | CWA / SDWA / RCRA |
| Address: T Squared Energy | City, State, Zip: | | |
| City, State, Zip: Midland Tx 88240 | Phone: | | |
| Phone: 432 241-2480 | Email: Janine@tsquaredenergy.com | | |
| Email: Lindsey@Tsquaredenergy.com | | | |
| Report due by: | | | |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Depth | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | | | BGDOC NM | BGDOC TX | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7/8/22 | | | FL 1 | | 1 | | | | | | | | | X | | | | |
| | 7/8/22 | | | FL 2 | | 2 | | | | | | | | | X | | | | |
| | 7/8/22 | | | FL 3 | | 3 | | | | | | | | | X | | | | |
| | 7/8/22 | | | FL 4 | | 4 | | | | | | | | | X | | | | |
| | 7/8/22 | | | FL 5 | | 5 | | | | | | | | | X | | | | |
| | 7/8/22 | | | FL 6 | | 6 | | | | | | | | | X | | | | |
| | 7/8/22 | | | FL 7 | | 7 | | | | | | | | | X | | | | |
| | 7/8/22 | | | FL 8 | | 8 | | | | | | | | | X | | | | |
| | 7/8/22 | | | FL 9 | | 9 | | | | | | | | | X | | | | |
| | 7/8/22 | | | FL 10 | | 10 | | | | | | | | | X | | | | |

State: NM X | CO | UT | AZ | TX

**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 |
|---|---|---|---|---|---|
| | 7.12.22 | 1:47 | | 7/12/22 | 2:30 |
| | 7-12-22 | 4:15 | | 7/13/22 | 10:23 |
| | | | | | |

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: 7/14/2022 10:48:27AM

## 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: | LH Operating | Date Received: | 07/13/22 10:23 | Work Order ID: | E207052 |
| Phone: | - | Date Logged In: | 07/13/22 08:49 | Logged In By: | Caitlin Christian |
| Email: | lindsey@tsquaredenergy.com | Due Date: | 07/19/22 17:00 (4 day TAT) | | |

**Chain of Custody (COC)**

| | | |
|---|---|---|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: UPS |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No | |
| 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 | |

**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? | No | |
| 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 |

**Comments/Resolution**

Time sampled, Matrix and Number of containers not provided on COC.

**Client Instruction**

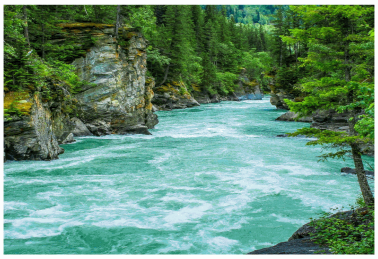
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Lindsey Nevels



5796 U.S. Hwy 64
Farmington, NM 87401

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

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

### LH Operating

Project Name: Skelly 223

Work Order: E207053

Job Number: 22055-0001

Received: 7/13/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/19/22

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

Date Reported: 7/19/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly 223
Workorder: E207053
Date Received: 7/13/2022 10:23:00AM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/13/2022 10:23:00AM, under the Project Name: Skelly 223.

The analytical test results summarized in this report with the Project Name: Skelly 223 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
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

**Alexa Michaels**
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

**Southern New Mexico Area**
**Lynn Jarboe**
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

**West Texas Midland/Odessa Area**
**Rayny Hagan**
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

# Table of Contents

# Sample Summary

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 07/19/22 12:02 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| SW 1 | E207053-01A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 2 | E207053-02A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 3 | E207053-03A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 4 | E207053-04A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 5 | E207053-05A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 6 | E207053-06A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 7 | E207053-07A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 8 | E207053-08A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 9 | E207053-09A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 10 | E207053-10A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## SW 1

## E207053-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *106 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *91.2 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **366** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **156** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *117 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **70.6** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## SW 2

**E207053-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *106 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.5 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **226** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **113** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *116 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **43.8** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## SW 3

**E207053-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *106 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *89.8 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **460** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **221** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *114 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **84.8** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## SW 4

**E207053-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *103 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *89.4 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **361** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **148** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *115 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **126** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## SW 5

**E207053-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/16/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *102 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.1 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **812** | 125 | 5 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **427** | 250 | 5 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *133 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **174** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## SW 6

**E207053-06**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/16/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *102 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *89.3 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **761** | 250 | 10 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | ND | 500 | 10 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *119 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **217** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

**SW 7**

**E207053-07**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/16/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *101 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.9 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **713** | 250 | 10 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | ND | 500 | 10 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *110 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **204** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## SW 8

**E207053-08**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/16/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *100 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.2 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **578** | 250 | 10 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | ND | 500 | 10 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *111 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **127** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

**SW 9**

**E207053-09**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/16/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *101 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *89.6 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **994** | 250 | 10 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **695** | 500 | 10 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *115 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **34.4** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

**SW 10**

**E207053-10**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/16/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *101 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *89.8 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **1030** | 250 | 10 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **725** | 500 | 10 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *130 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **49.9** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## Volatile Organics by EPA 8021B

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2229054-BLK1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.03* | | *8.00* | | *100* | *70-130* | | | |
| **LCS (2229054-BS1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Benzene | 5.02 | 0.0250 | 5.00 | | 100 | 70-130 | | | |
| Ethylbenzene | 4.34 | 0.0250 | 5.00 | | 86.9 | 70-130 | | | |
| Toluene | 4.71 | 0.0250 | 5.00 | | 94.2 | 70-130 | | | |
| o-Xylene | 4.63 | 0.0250 | 5.00 | | 92.6 | 70-130 | | | |
| p,m-Xylene | 8.97 | 0.0500 | 10.0 | | 89.7 | 70-130 | | | |
| Total Xylenes | 13.6 | 0.0250 | 15.0 | | 90.7 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.12* | | *8.00* | | *101* | *70-130* | | | |
| **LCS Dup (2229054-BSD1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Benzene | 5.03 | 0.0250 | 5.00 | | 101 | 70-130 | 0.205 | 20 | |
| Ethylbenzene | 4.36 | 0.0250 | 5.00 | | 87.2 | 70-130 | 0.311 | 20 | |
| Toluene | 4.72 | 0.0250 | 5.00 | | 94.4 | 70-130 | 0.264 | 20 | |
| o-Xylene | 4.65 | 0.0250 | 5.00 | | 93.0 | 70-130 | 0.385 | 20 | |
| p,m-Xylene | 9.00 | 0.0500 | 10.0 | | 90.0 | 70-130 | 0.354 | 20 | |
| Total Xylenes | 13.6 | 0.0250 | 15.0 | | 91.0 | 70-130 | 0.364 | 20 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.16* | | *8.00* | | *102* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2229054-BLK1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.10* | | *8.00* | | *88.8* | *70-130* | | | |
| **LCS (2229054-BS2)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Gasoline Range Organics (C6-C10) | 43.6 | 20.0 | 50.0 | | 87.2 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.33* | | *8.00* | | *91.7* | *70-130* | | | |
| **LCS Dup (2229054-BSD2)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Gasoline Range Organics (C6-C10) | 42.7 | 20.0 | 50.0 | | 85.5 | 70-130 | 1.98 | 20 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.25* | | *8.00* | | *90.7* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2229065-BLK1)** | | | | | | | | | Prepared: 07/14/22 Analyzed: 07/14/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *57.3* | | *50.0* | | *115* | *50-200* | | | |
| **LCS (2229065-BS1)** | | | | | | | | | Prepared: 07/14/22 Analyzed: 07/14/22 |
| Diesel Range Organics (C10-C28) | 567 | 25.0 | 500 | | 113 | 38-132 | | | |
| *Surrogate: n-Nonane* | *55.8* | | *50.0* | | *112* | *50-200* | | | |
| **Matrix Spike (2229065-MS1)** | | | | **Source: E207053-05** | | | | | Prepared: 07/14/22 Analyzed: 07/14/22 |
| Diesel Range Organics (C10-C28) | 1510 | 125 | 500 | 812 | 139 | 38-132 | | | M2 |
| *Surrogate: n-Nonane* | *66.8* | | *50.0* | | *134* | *50-200* | | | |
| **Matrix Spike Dup (2229065-MSD1)** | | | | **Source: E207053-05** | | | | | Prepared: 07/14/22 Analyzed: 07/14/22 |
| Diesel Range Organics (C10-C28) | 1990 | 125 | 500 | 812 | 236 | 38-132 | 27.7 | 20 | M2, R3 |
| *Surrogate: n-Nonane* | *66.3* | | *50.0* | | *133* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## Anions by EPA 300.0/9056A

Analyst: RAS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2229050-BLK1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/15/22 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2229050-BS1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/15/22 |
| Chloride | 243 | 20.0 | 250 | | 97.1 | 90-110 | | | |
| **Matrix Spike (2229050-MS1)** | | | | **Source: E207052-01** | | | | | Prepared: 07/13/22 Analyzed: 07/15/22 |
| Chloride | 276 | 20.0 | 250 | 31.2 | 97.9 | 80-120 | | | |
| **Matrix Spike Dup (2229050-MSD1)** | | | | **Source: E207052-01** | | | | | Prepared: 07/13/22 Analyzed: 07/15/22 |
| Chloride | 277 | 20.0 | 250 | 31.2 | 98.3 | 80-120 | 0.353 | 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

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 07/19/22 12:02 |

| | |
|---|---|
| M2 | Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable. |
| R3 | The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |

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

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

Project Information | Chain of Custody | Page 1 of 1

| | |
|---|---|
| Client: | LH Operating |
| Project: | Skelly 223 |
| Project Manager: | Lindsey Nevels |
| Address: | T Squared Energy |
| City, State, Zip: | Midland Tx 88240 |
| Phone: | 432 241-2480 |
| Email: | Lindsey@Tsquaredenergy.com |
| Report due by: | |

**Bill To**

| | |
|---|---|
| Attention: | T Squared |
| Address: | |
| City, State, Zip: | |
| Phone: | |
| Email: | Janine@tsquaredenergy.com |

**Lab Use Only**

| Lab WO# | Job Number |
|---|---|
| PE207053 | 22055-0001 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7/8/22 | | | SW 1 | | 1 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 2 | | 2 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 3 | | 3 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 4 | | 4 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 5 | | 5 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 6 | | 6 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 7 | | 7 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 8 | | 8 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 9 | | 9 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 10 | | 10 | | | | | | | | | X | | | | |

**Additional Instructions:**

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

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

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 7-12-22 | 1:47 | | 7-12-22 | 2:30 |
| | 7-12-22 | 4:15 | | 7/13/22 | 10:23 |
| | | | | | |

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: 7/14/2022 10:49:36AM

## 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: | LH Operating | Date Received: | 07/13/22 10:23 | Work Order ID: | E207053 |
| Phone: | - | Date Logged In: | 07/13/22 08:54 | Logged In By: | Caitlin Christian |
| Email: | lindsey@tsquaredenergy.com | Due Date: | 07/19/22 17:00 (4 day TAT) | | |

| | | |
|---|---|---|
| **Chain of Custody (COC)** | | |
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: UPS |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No | |
| 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 | |
| **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? | No | |
| 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 |

**Comments/Resolution**

Time sampled, Matrix and Number of containers not provided on COC.

**Client Instruction**

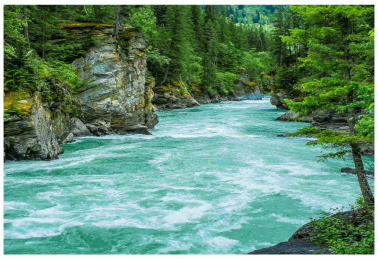
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Lindsey Nevels



5796 U.S. Hwy 64
Farmington, NM 87401

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

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

### LH Operating

Project Name: Skelly 223

Work Order: E207137

Job Number: 22055-0001

Received: 7/21/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/22/22

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

Date Reported: 7/22/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly 223
Workorder: E207137
Date Received: 7/21/2022 10:15:00AM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/21/2022 10:15:00AM, under the Project Name: Skelly 223.

The analytical test results summarized in this report with the Project Name: Skelly 223 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
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

**Alexa Michaels**
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

**Southern New Mexico Area**
**Lynn Jarboe**
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

**West Texas Midland/Odessa Area**
**Rayny Hagan**
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

# Table of Contents

# Sample Summary

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 07/22/22 15:34 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| FL 1 | E207137-01A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 2 | E207137-02A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 3 | E207137-03A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 4 | E207137-04A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 5 | E207137-05A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 6 | E207137-06A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 7 | E207137-07A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 8 | E207137-08A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 9 | E207137-09A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 10 | E207137-10A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 1

**E207137-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *114 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.8 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *101 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 2

**E207137-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *116 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *98.7 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *101 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 3

**E207137-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *120 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.2 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *102 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 4

**E207137-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *120 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.6 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *101 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 5

**E207137-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *121 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.3 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *101 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 40.0 | 2 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 6

**E207137-06**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *105 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *91.2 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *101 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 7

**E207137-07**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *103 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *91.4 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *103 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 8

**E207137-08**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *103 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *92.0 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *100 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 9

**E207137-09**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *103 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *91.0 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *100 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 10

## E207137-10

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *103 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *92.6 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *96.4 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## Volatile Organics by EPA 8021B

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2230072-BLK1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.31* | | *8.00* | | *104* | *70-130* | | | |
| **LCS (2230072-BS1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Benzene | 4.77 | 0.0250 | 5.00 | | 95.3 | 70-130 | | | |
| Ethylbenzene | 4.12 | 0.0250 | 5.00 | | 82.4 | 70-130 | | | |
| Toluene | 4.46 | 0.0250 | 5.00 | | 89.2 | 70-130 | | | |
| o-Xylene | 4.42 | 0.0250 | 5.00 | | 88.4 | 70-130 | | | |
| p,m-Xylene | 8.51 | 0.0500 | 10.0 | | 85.1 | 70-130 | | | |
| Total Xylenes | 12.9 | 0.0250 | 15.0 | | 86.2 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.32* | | *8.00* | | *104* | *70-130* | | | |
| **LCS Dup (2230072-BSD1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Benzene | 4.89 | 0.0250 | 5.00 | | 97.9 | 70-130 | 2.65 | 20 | |
| Ethylbenzene | 4.22 | 0.0250 | 5.00 | | 84.5 | 70-130 | 2.51 | 20 | |
| Toluene | 4.58 | 0.0250 | 5.00 | | 91.7 | 70-130 | 2.69 | 20 | |
| o-Xylene | 4.54 | 0.0250 | 5.00 | | 90.8 | 70-130 | 2.61 | 20 | |
| p,m-Xylene | 8.72 | 0.0500 | 10.0 | | 87.2 | 70-130 | 2.43 | 20 | |
| Total Xylenes | 13.3 | 0.0250 | 15.0 | | 88.4 | 70-130 | 2.49 | 20 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.24* | | *8.00* | | *103* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2230072-BLK1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.55* | | *8.00* | | *94.4* | *70-130* | | | |
| **LCS (2230072-BS2)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Gasoline Range Organics (C6-C10) | 45.3 | 20.0 | 50.0 | | 90.6 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.43* | | *8.00* | | *92.9* | *70-130* | | | |
| **LCS Dup (2230072-BSD2)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Gasoline Range Organics (C6-C10) | 45.8 | 20.0 | 50.0 | | 91.6 | 70-130 | 1.08 | 20 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.58* | | *8.00* | | *94.8* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2230081-BLK1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *47.2* | | *50.0* | | *94.4* | *50-200* | | | |
| **LCS (2230081-BS1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Diesel Range Organics (C10-C28) | 255 | 25.0 | 250 | | 102 | 38-132 | | | |
| *Surrogate: n-Nonane* | *47.7* | | *50.0* | | *95.3* | *50-200* | | | |
| **Matrix Spike (2230081-MS1)** | | | | **Source: E207133-02** | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Diesel Range Organics (C10-C28) | 263 | 25.0 | 250 | ND | 105 | 38-132 | | | |
| *Surrogate: n-Nonane* | *49.6* | | *50.0* | | *99.2* | *50-200* | | | |
| **Matrix Spike Dup (2230081-MSD1)** | | | | **Source: E207133-02** | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Diesel Range Organics (C10-C28) | 259 | 25.0 | 250 | ND | 104 | 38-132 | 1.52 | 20 | |
| *Surrogate: n-Nonane* | *48.8* | | *50.0* | | *97.6* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## Anions by EPA 300.0/9056A

Analyst: KL

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2230080-BLK1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2230080-BS1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Chloride | 248 | 20.0 | 250 | | 99.3 | 90-110 | | | |
| **LCS Dup (2230080-BSD1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Chloride | 229 | 20.0 | 250 | | 91.6 | 90-110 | 8.03 | 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

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 07/22/22 15:34 |

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

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

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

Project Information | Chain of Custody | Page 1 of 1

| | |
|---|---|
| Client: | LH OPERATING |
| Project: | SKELLY 223 |
| Project Manager: | Lindsey Nevels |
| Address: | T Squared Energy |
| City, State, Zip: | Midland Tx 88240 |
| Phone: | 432 241-2480 |
| Email: | Lindsey@Tsquaredenergy.com |
| Report due by: | |

**Bill To**

| | |
|---|---|
| Attention: | T Squared |
| Address: | |
| City, State, Zip: | |
| Phone: | |
| Email: | Janine@tsquaredenergy.com |

**Lab Use Only**

| Lab WO# | Job Number |
|---|---|
| PEZ07137 | 22055-0001 |

**TAT**

| 1D | 2D | 3D | Standard |
|---|---|---|---|
| X | | | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7.20.22 | | | FL 1 | | 1 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 2 | | 2 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 3 | | 3 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 4 | | 4 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 5 | | 5 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 6 | | 6 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 7 | | 7 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 8 | | 8 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 9 | | 9 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 10 | | 10 | | | | | | | | | X | | | | |

**Additional Instructions:**

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

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

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 7.20.22 | 12:52 | | 7.20.22 | 3:15 |
| | 7-20-22 | 4:15 | | 7/21/22 | 10:15 |
| | | | | | |

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: 7/22/2022 3:20:24PM

## 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: | LH Operating | Date Received: | 07/21/22 10:15 | Work Order ID: | E207137 |
| Phone: | - | Date Logged In: | 07/21/22 11:02 | Logged In By: | Caitlin Christian |
| Email: | lindsey@tsquaredenergy.com | Due Date: | 07/22/22 17:00 (1 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: UPS |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No | |
| 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 | |

**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 |

**Comments/Resolution**

Time sampled, Matrix and number of containers not provided on COC.

**Client Instruction**

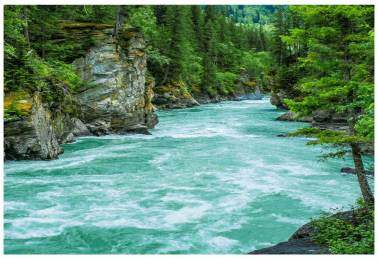
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Lindsey Nevels



5796 U.S. Hwy 64
Farmington, NM 87401

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

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

### LH Operating

Project Name: Skelly 223

Work Order: E207197

Job Number: 22055-0001

Received: 7/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/2/22

Date Reported: 8/2/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly 223
Workorder: E207197
Date Received: 7/29/2022 9:50:00AM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/29/2022 9:50:00AM, under the Project Name: Skelly 223.

The analytical test results summarized in this report with the Project Name: Skelly 223 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
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

**Alexa Michaels**
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

**Southern New Mexico Area**
**Lynn Jarboe**
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

**West Texas Midland/Odessa Area**
**Rayny Hagan**
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

# Table of Contents

# Sample Summary

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 08/02/22 17:44 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| HZ1 - B Surf | E207197-01A | Soil | 07/25/22 | 07/29/22 | Glass Jar, 8 oz. |
| HZ1 - B 1' | E207197-02A | Soil | 07/25/22 | 07/29/22 | Glass Jar, 4 oz. |
| HZ3 - B Surf | E207197-03A | Soil | 07/25/22 | 07/29/22 | Glass Jar, 4 oz. |
| HZ3 - B 1' | E207197-04A | Soil | 07/25/22 | 07/29/22 | Glass Jar, 4 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 8/2/2022 5:44:59PM |

## HZ1 - B Surf

**E207197-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2232017 |
| Benzene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| Toluene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| o-Xylene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/01/22 | 08/01/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| *Surrogate: Bromofluorobenzene* | | *101 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.5 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *08/01/22* | *08/01/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2232017 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/01/22 | 08/01/22 | |
| *Surrogate: Bromofluorobenzene* | | *101 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.5 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *08/01/22* | *08/01/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2232013 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/01/22 | 08/02/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/01/22 | 08/02/22 | |
| *Surrogate: n-Nonane* | | *97.4 %* | *50-200* | *08/01/22* | *08/02/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2232005 |
| Chloride | ND | 20.0 | 1 | 08/01/22 | 08/02/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 8/2/2022 5:44:59PM |

## HZ1 - B 1'

## E207197-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2232017 |
| Benzene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| Toluene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| o-Xylene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/01/22 | 08/01/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| *Surrogate: Bromofluorobenzene* | | *97.8 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *96.2 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: Toluene-d8* | | *107 %* | *70-130* | *08/01/22* | *08/01/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2232017 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/01/22 | 08/01/22 | |
| *Surrogate: Bromofluorobenzene* | | *97.8 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *96.2 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: Toluene-d8* | | *107 %* | *70-130* | *08/01/22* | *08/01/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2232013 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/01/22 | 08/02/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/01/22 | 08/02/22 | |
| *Surrogate: n-Nonane* | | *104 %* | *50-200* | *08/01/22* | *08/02/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2232005 |
| Chloride | ND | 20.0 | 1 | 08/01/22 | 08/02/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 8/2/2022 5:44:59PM |

## HZ3 - B Surf

**E207197-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2232017 |
| Benzene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| Toluene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| o-Xylene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/01/22 | 08/01/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| *Surrogate: Bromofluorobenzene* | | *100 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.7 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *08/01/22* | *08/01/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2232017 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/01/22 | 08/01/22 | |
| *Surrogate: Bromofluorobenzene* | | *100 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.7 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *08/01/22* | *08/01/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2232013 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/01/22 | 08/02/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/01/22 | 08/02/22 | |
| *Surrogate: n-Nonane* | | *94.4 %* | *50-200* | *08/01/22* | *08/02/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2232005 |
| Chloride | ND | 20.0 | 1 | 08/01/22 | 08/02/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 8/2/2022 5:44:59PM |

## HZ3 - B 1'

## E207197-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2232017 |
| Benzene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| Toluene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| o-Xylene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/01/22 | 08/01/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| *Surrogate: Bromofluorobenzene* | | *98.4 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *100 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | *08/01/22* | *08/01/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2232017 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/01/22 | 08/01/22 | |
| *Surrogate: Bromofluorobenzene* | | *98.4 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *100 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | *08/01/22* | *08/01/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2232013 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/01/22 | 08/02/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/01/22 | 08/02/22 | |
| *Surrogate: n-Nonane* | | *102 %* | *50-200* | *08/01/22* | *08/02/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2232005 |
| Chloride | ND | 20.0 | 1 | 08/01/22 | 08/02/22 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 8/2/2022 5:44:59PM |

## Volatile Organic Compounds by EPA 8260B

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2232017-BLK1)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| 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* | *0.494* | | *0.500* | | *98.8* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.504* | | *0.500* | | *101* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.525* | | *0.500* | | *105* | *70-130* | | | |
| **LCS (2232017-BS1)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Benzene | 2.48 | 0.0250 | 2.50 | | 99.1 | 70-130 | | | |
| Ethylbenzene | 2.71 | 0.0250 | 2.50 | | 108 | 70-130 | | | |
| Toluene | 2.60 | 0.0250 | 2.50 | | 104 | 70-130 | | | |
| o-Xylene | 2.54 | 0.0250 | 2.50 | | 101 | 70-130 | | | |
| p,m-Xylene | 5.03 | 0.0500 | 5.00 | | 101 | 70-130 | | | |
| Total Xylenes | 7.57 | 0.0250 | 7.50 | | 101 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.502* | | *0.500* | | *100* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.500* | | *0.500* | | *99.9* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.533* | | *0.500* | | *107* | *70-130* | | | |
| **LCS Dup (2232017-BSD1)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Benzene | 2.58 | 0.0250 | 2.50 | | 103 | 70-130 | 3.98 | 23 | |
| Ethylbenzene | 2.71 | 0.0250 | 2.50 | | 108 | 70-130 | 0.0185 | 27 | |
| Toluene | 2.61 | 0.0250 | 2.50 | | 104 | 70-130 | 0.269 | 24 | |
| o-Xylene | 2.53 | 0.0250 | 2.50 | | 101 | 70-130 | 0.276 | 27 | |
| p,m-Xylene | 5.03 | 0.0500 | 5.00 | | 101 | 70-130 | 0.00 | 27 | |
| Total Xylenes | 7.56 | 0.0250 | 7.50 | | 101 | 70-130 | 0.0926 | 27 | |
| *Surrogate: Bromofluorobenzene* | *0.502* | | *0.500* | | *100* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.519* | | *0.500* | | *104* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.529* | | *0.500* | | *106* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 8/2/2022 5:44:59PM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2232017-BLK1)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: Bromofluorobenzene* | *0.494* | | *0.500* | | *98.8* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.504* | | *0.500* | | *101* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.525* | | *0.500* | | *105* | *70-130* | | | |
| **LCS (2232017-BS2)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Gasoline Range Organics (C6-C10) | 56.3 | 20.0 | 50.0 | | 113 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.495* | | *0.500* | | *98.9* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.485* | | *0.500* | | *97.0* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.537* | | *0.500* | | *107* | *70-130* | | | |
| **LCS Dup (2232017-BSD2)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Gasoline Range Organics (C6-C10) | 59.1 | 20.0 | 50.0 | | 118 | 70-130 | 4.84 | 20 | |
| *Surrogate: Bromofluorobenzene* | *0.495* | | *0.500* | | *98.9* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.498* | | *0.500* | | *99.6* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.529* | | *0.500* | | *106* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 8/2/2022 5:44:59PM |

## 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 (2232013-BLK1)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/02/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *47.0* | | *50.0* | | *93.9* | *50-200* | | | |
| **LCS (2232013-BS1)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/02/22 |
| Diesel Range Organics (C10-C28) | 259 | 25.0 | 250 | | 103 | 38-132 | | | |
| *Surrogate: n-Nonane* | *49.7* | | *50.0* | | *99.4* | *50-200* | | | |
| **Matrix Spike (2232013-MS1)** | | | | **Source: E207193-09** | | | | | Prepared: 08/01/22 Analyzed: 08/02/22 |
| Diesel Range Organics (C10-C28) | 308 | 25.0 | 250 | 43.7 | 106 | 38-132 | | | |
| *Surrogate: n-Nonane* | *47.2* | | *50.0* | | *94.5* | *50-200* | | | |
| **Matrix Spike Dup (2232013-MSD1)** | | | | **Source: E207193-09** | | | | | Prepared: 08/01/22 Analyzed: 08/02/22 |
| Diesel Range Organics (C10-C28) | 310 | 25.0 | 250 | 43.7 | 107 | 38-132 | 0.649 | 20 | |
| *Surrogate: n-Nonane* | *46.9* | | *50.0* | | *93.8* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 8/2/2022 5:44:59PM |

## Anions by EPA 300.0/9056A

Analyst: RAS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2232005-BLK1)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2232005-BS1)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Chloride | 247 | 20.0 | 250 | | 98.8 | 90-110 | | | |
| **Matrix Spike (2232005-MS1)** | | | | **Source: E207189-01** | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Chloride | 23000 | 400 | 250 | 20500 | 1000 | 80-120 | | | M4 |
| **Matrix Spike Dup (2232005-MSD1)** | | | | **Source: E207189-01** | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Chloride | 24500 | 400 | 250 | 20500 | NR | 80-120 | 6.29 | 20 | M4 |

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

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 08/02/22 17:44 |

| | |
|---|---|
| M4 | Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |

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

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

Project Information | Chain of Custody | Page 1 of 1

| | |
|---|---|
| Client: | LH OPERATING |
| Project: | SKELLY 223 |
| Project Manager: | Lindsey Nevels |
| Address: | T Squared Energy |
| City, State, Zip: | Midland Tx 88240 |
| Phone: | 432 241-2480 |
| Email: | Lindsey@Tsquaredenergy.com |
| Report due by: | |

**Bill To**

| | |
|---|---|
| Attention: | T Squared |
| Address: | |
| City, State, Zip: | |
| Phone: | |
| Email: | Janine@tsquaredenergy.com |

**Lab Use Only**

| Lab WO# | Job Number |
|---|---|
| PE207197 | 22055-0001 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7.25.22 | | | HZ1 · B | SURF | 1 | | | | | | | | | X | | | | |
| | 7.25.22 | | | HZ1 · B | 1' | 2 | | | | | | | | | X | | | | |
| | 7.25.22 | | | HZ3 · B | SURF | 3 | | | | | | | | | X | | | | |
| | 7.25.22 | | | HZ3 · B | 1' | 4 | | | | | | | | | X | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

**Additional Instructions:**

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

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 |
|---|---|---|---|---|---|
| Ben Breaux | 7.25.22 | 2:45 | Tatum Marsh | 7-25-22 | 3:20 |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
| Tatum Marsh | 7-25-22 | 4:15P | Caitlin Chute | 7/29/22 | 9:50 |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |

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: 7/29/2022 11:12:47AM

## 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: | LH Operating | Date Received: | 07/29/22 09:50 | Work Order ID: | E207197 |
| Phone: | - | Date Logged In: | 07/29/22 09:11 | Logged In By: | Caitlin Christian |
| Email: | lindsey@tsquaredenergy.com | Due Date: | 08/03/22 17:00 (3 day TAT) | | |

**Chain of Custody (COC)**

| | | |
|---|---|---|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: UPS |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No | |
| 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 | |

**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 |

**Comments/Resolution**

Time sampled, Matrix and number of containers not provided on COC.

**Client Instruction**

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

Date

envirotech Inc.

# Attachment V
# NMOCD Form C-141

Reply all Delete Report ...

# LH Operating Skelly 223 napp2216651297 Final Closure Samples

LN Lindsey Nevels

To: OCD.Enviro@state.nm.us <OCD.Enviro@state.nm.us> <ocd.enviro@state.r Wed 7/6/2022 12:43 PM

Notification of Final Closure samples on 7/8/2022 9:00 am LH Operating Skelly 223 napp2216651297

Respectively,

Lindsey Nevels
Environmental Manager
Lindsey@Tsquaredenergy.com
432-241-2480

Reply Forward

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 | nAPP2216651297 |
| District RP | 2 |
| Facility ID | |
| Application ID | |

# Release Notification

## Responsible Party

| | |
|---|---|
| Responsible Party LH Operating, LLC | OGRID 326278 |
| Contact Name Mike Burton | Contact Telephone 575-499-5306 |
| Contact email mike@lhoperating.com | Incident # *(assigned by OCD)* nAPP2216651297 |
| Contact mailing address 4809 Cole Ave, Ste 200 Dallas TX 75205 | |

## Location of Release Source

Latitude 32.823696 Longitude -103.866479
*(NAD 83 in decimal degrees to 5 decimal places)*

| | |
|---|---|
| Site Name Skelly #223 | Site Type Oil |
| Date Release Discovered 6/14/2022 | API# *(if applicable)* 30-015-28964 |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| H | 21 | 17S | 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) 0.2 | Volume Recovered (bbls) 0 |
| ☒ Produced Water | Volume Released (bbls) 2 | 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 | Line for Murphy switch came apart. Repaired line. We made and emergency one call. scraped up the pad. Will start sampling area soon. |

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Page 2

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nAPP2216651297 |
| District RP | 2 |
| 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? |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? | |

## Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

- ☒ 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: Mike Burton  Title: _____

Signature: Michael Burton  Date: 6/14/2022

email: mike@lhoperating.com  Telephone: 575-499-5306

**OCD Only**

Received by: Jocelyn Harimon  Date: _____

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nAPP2216651297 |
| District RP | 2 |
| 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? | 300 (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.

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Page 4

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nAPP2216651297 |
| District RP | 2 |
| Facility ID | |
| Application ID | |

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: Mike Burton Title:

Signature: Michael Burton Date: 6/14/2022

email: mike@lhoperating.com Telephone: 575-499-5306

**OCD Only**

Received by: Jocelyn Harimon Date: 08/24/2022

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nAPP2216651297 |
| District RP | 2 |
| Facility ID | |
| 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: Mike Burton  Title: _____

Signature: Michael Burton  Date: 8/19/22

email: mike@lhoperating.com  Telephone: 575-499-5306

**OCD Only**

Received by: Jocelyn Harimon  Date: 08/29/2022

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

Signature: _____  Date: _____

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nAPP2216651297 |
| District RP | 2 |
| 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.***

[X] A scaled site and sampling diagram as described in 19.15.29.11 NMAC

[X] 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)

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

[X] 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: Mike Burton Title: _____

Signature: Michael Burton Date: 8/19/22

email: mike@lhoperating.com Telephone: 575-499-5306

**OCD Only**

Received by: Jocelyn Harimon Date: 08/24/2022

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: _____

## Oil and Water Spill Volume Spreadsheet

Calculator Updated 9/4/2013

| |
|---|
| INPUT FIELDS |
| OUTPUT |
| RESULT |

| | |
|---|---|
| Location: | Skelly 223 |
| GPS Coordinates: | |
| Spill Date: | 06.14.22 |
| Spill Time: | |

| | | |
|---|---|---|
| **Length of Spill=** | | feet |
| **Width of Spill=** | | feet |
| **Saturation (or depth) of Spill=** | | inches |
| **OR** | | |
| **Area=** | 9,360.00 | $ft^2$ |
| **Saturation (or depth) of Spill=** | 0.50 | inches |
| **OR** | | |
| **Soil Volume=** | | $yd^3$ |

**Use only one method**

| | | |
|---|---|---|
| **Oil Cut=** | 1.00 | % Oil |
| **Porosity Factor=** | 0.03 | |
| **Soil Volume=** | **14.44** | $yd^3$ |
| **Total Oil in Soil=** | **0.02** | barrels |
| **Total Produced Water in Soil=** | **2.06** | barrels |

| Types of Soil | Porosity Factor |
|---|---|
| **Gravel** | 0.25 |
| **Sand** | 0.20 |
| **Clay/silt/sand Mix** | 0.15 |
| **Clay** | 0.05 |
| **Caliche** | 0.03 |
| **Unknown** | 0.25 |

# Skelly #223 release

release map

**District I**
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
**District II**
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
**District III**
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
**District IV**
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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



## CONDITIONS

| | |
|---|---|
| Operator:<br>LH Operating, LLC<br>4809 Cole Ave<br>Dallas, TX 75205 | OGRID:<br>329319 |
| | Action Number:<br>117682 |
| | Action Type:<br>[C-141] Release Corrective Action (C-141) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| jharimon | None | 6/15/2022 |

# Remediation Summary & Closure Request

## LH Operating, LLC
## Skelly 223

Eddy County, New Mexico
Latitude 32.823696 North, Longitude 103.866479 West
Unit Letter "H, Section 21, Township 17 South, Range 31 East

**NMOCD Incident # nAPP2216651297**

**API# 30-015-28964**

Prepared By:

**T Squared Energy Environmental Services**
1057 County Road 309
Orange Grove, Tx 78372

Lindsey Nevels
Environmental Director
Lindsey@Tsquaredenergy.com

# Table Of Contents

August 07, 2022

New Mexico Energy, Minerals & Natural Resources
NMOCD District 2
C/O: Mike Bratcher & Robert Hamlet
1625 N French Drive
Hobbs, NM 88240

LH Operating, LLC
4809 Cole Ave, Ste 200
Dallas, Tx 79705

RE: Remediation Summary & Closure Request
LH Operating, LLC
Skelly 223
Latitude 32.823696 North, Longitude 103.866479 West
Unit Letter "H," Section 21, Township 17 South, Range 31 East
Eddy County, New Mexico
**NMOCD Incident # NAPP2208945302**

T Squared Energy Services, on behalf of LH Operating, LLC. submits this *Closure Request* to the New Mexico Oil Conservation Division (NMOCD). This Report provides documentation of detailed sampling and remediation actions to address the Skelly 223 release. This report serves as a condensed update on field activities undertaken at the afore referenced Site.

## Project Information

The site is in Unit Letter H (SE/NE), Section 21, Township 17 South, Range 31 East. The spill area measures approximately 2000 sq. ft. and is approximately 10 miles west of Maljimar, New Mexico on Federal Land. Site Map included. Latitude 32.823696 North, Longitude 103.866479

### 1.0 Background

On June 14 ,2022, a release was discovered on active well pad. Approximately 0.2 BBLS of crude oil was released with 0 recovered and 0.2bbls of produced water released with 0 recovered. The release was attributed to failure of the Murphy switch causing the flowline to separate. Due to prompt actions by operator, an emergency one called was made and all standing liquid and overspray was immediately scraped up and stockpiled on liner awaiting disposal. Overspray area measuring a total of 5500 sq ft was completely scraped up and immediately sprayed with Micro-Blaze. Surface samples where then taken and submitted to a laboratory.

Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. Remediation pages of the NMOCD Form C-141 are included as Attachment V. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map, Delineation Map, and Excavation Map are included as Figure 1, Figure 2, Figure 3, Figure 4, and Figure 5, respectively.

### 2.0 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 to determine the horizontal distance to known water sources within a half-mile radius of the Release Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information.

One USGS well was located near the site with reported depth to water of 271’ below surface. However, it does not meet NMOCD criteria for age of data, distance of the data point well from the release point.

Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows.

| Table 1 | | | 271’ | 50’ |
|---|---|---|---|---|
| >100 feet | Chloride*** | EPA 300.0 or SM4500 Cl B | 20,000 mg/kg | 600 mg/kg |
| | TPH (GRO+DRO+MRO) | EPA SW-846 Method 8015M | 2,500 mg/kg | 100 mg/kg |
| | GRO+DRO | EPA SW-846 Method 8015M | 1,000 mg/kg | 100 mg/kg |
| | BTEX | EPA SW-846 Method 8021B or 8260B | 50 mg/kg | 50 mg/kg |
| | Benzene | EPA SW-846 Method 8021B or 8260B | 10 mg/kg | 10 mg/kg |

* Measured in milligrams per kilogram (mg/kg)
† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).
‡ The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D. (1) NMAC.

## 3.0 Delineation Activities

On June 14, 2022, T Squared conducted an initial site assessment. During the initial assessment, a series of hand augured soil bores were advanced within the release margins to determine the vertical extent of impacted soil. In addition, sample test trenches were advanced along the inferred edges of the affected area to determine the horizontal extent of contamination. During the advancement of the soil bores and test trenches, soil samples were collected, and field screened for the presence of volatile organic compounds via a photoionization detector (PID) and chloride concentrations utilizing a Hach Quan tab® chloride test kit.

Based on field observations and field test data, T Squared collected (24) twenty-four representative soil samples for laboratory analysis.

- Delineation soil samples represented by SP1-Surf, SP2-Surf, SP3-Surf, SP4-Surf, SP5-Surf, HZ1 - Surf and 1’, HZ2-Surf - 1’, HZ3 Surf - 1’, HZ4 - Surf -1’, HZ5 - Surf - 1’, HZ6 - Surf - 1’, and HZ7 -Surf - 1’ were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH or chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard except for SP1- Surf, SP2-Surf, SP3-Surf, SP4- Surf, SP5-Surf, and HZ3 - 1’ in each of the submitted soil samples. Delineation activities commenced on location on July 25 in order to achieve full delineation efforts.

A delineation Sample Location Map is provided as Figure 4. A summary of Soil Sample Laboratory Analytical Results is provided as Table 2, and Laboratory Analytical Reports are provided as Attachment IV.

## 4.0 Remediation Activities

In accordance with the NMOCD, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was mechanically excavated and transported to an NMOCD-approved surface waste facility for disposal. The sidewalls of the excavation were advanced until field observations and test results suggested BTEX, TPH and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard.

The release area was excavated to approximately 2' to 5'bgs. Bottom hole composite closure samples and composite sidewall samples were collected and sent to a laboratory. Laboratory analytical results indicated BTEX, TPH or chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard the Horizontal extent was defined.

The excavated area measured approximately 60 feet in length, 30 feet in width and 2-5' in depth. During remediation activities approximately 170 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility.

Confirmation soil samples represented by FL1-FL10 and SW1-SW10 (five-point composites representing no more than 200 ft of the excavated area) were collected from the floor and sidewalls of excavated area.

A Delineation Sample Map and Excavation Sample Map along with composite closure locations are provided as Figure 5 and Figure 6, respectively. Field data is provided as Attachment III. A Summary of Soil Sample Laboratory Analytical Results is provided as Table 2 and Laboratory Analytical Reports are provided as Attachment IV.

## Restoration, Reclamation, and Re-Vegetation:

Based upon laboratory analytical results from confirmation soil samples, the excavated areas were backfilled with locally sourced clean, non-impacted "like" material placed at or near relative positions. The affected area was contoured and/or compacted to achieve erosion control, stability, and preservation of surface water flow to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture free of noxious weeds during the first favorable growing season following closure of the site.

## 5.0 Soil Closure request

Remediation activities were conducted in accordance with applicable NMOCD Regulations. Laboratory analytical results from composite confirmation samples indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria. The site has been remediated to meet the standards of Table 1 of 19.15.29.12 NMAC; therefore, T Squared Energy recommends LH Operating, LLC provide copies of this *Remediation Summary and Closure Request* to the appropriate agencies and respectfully requests Closure be granted for the referenced release.

## Limitations:

T Squared Energy has prepared this *Site Assessment and Closure Request to* the best of its ability. No other warranty, expressed or implied, is made or intended. T Squared has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. T Squared has not conducted an independent examination of the facts contained in referenced materials and statements. T Squared has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. T Squared 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. T Squared has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants.

This report has been prepared for the benefit of LH Operating. Use of the information contained in this report is prohibited with consent of T Squared and/or LH Operating, LLC.

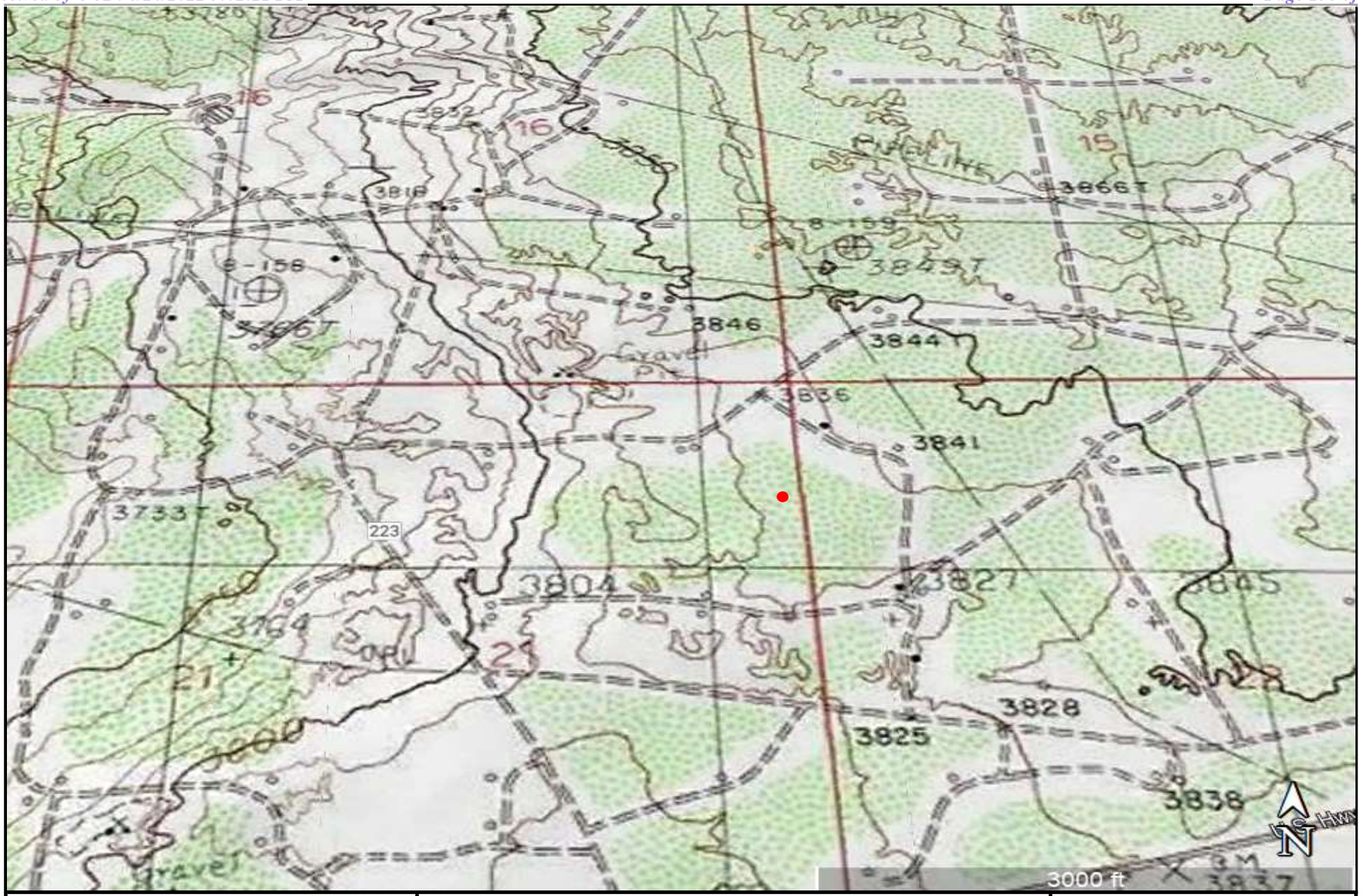
## Distribution:

**LH Operating, LLC**
4809 Cole Ave #106
Dallas, TX 75205

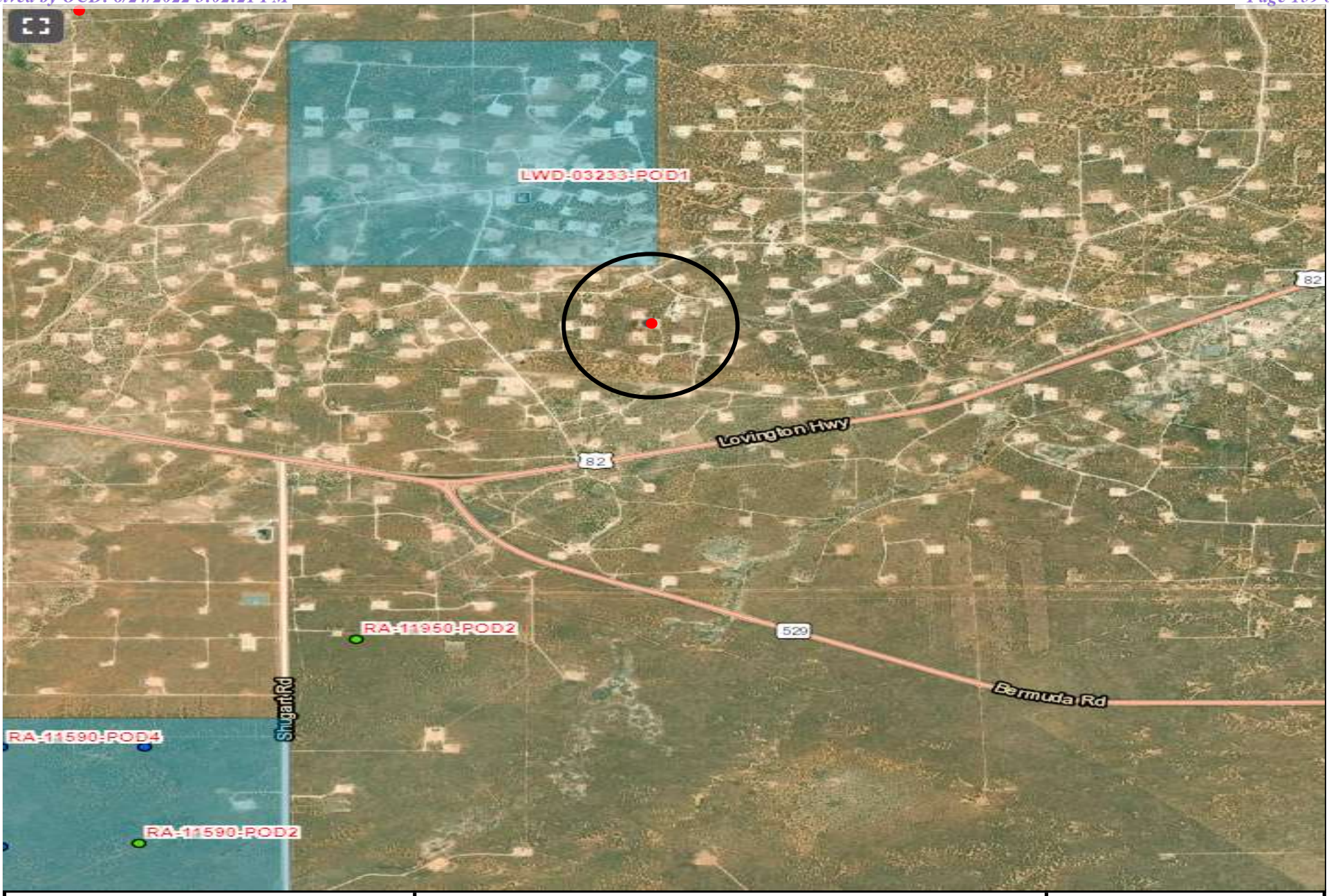
**New Mexico Energy, Minerals and Natural Resources Department**
Oil Conservation Division, District 2
1625 N. French Drive
Hobbs, NM 88240

**Hobbs Field Office**
New Mexico State Land Office
2827 North Dal Paso Street
Hobbs, NM 88240

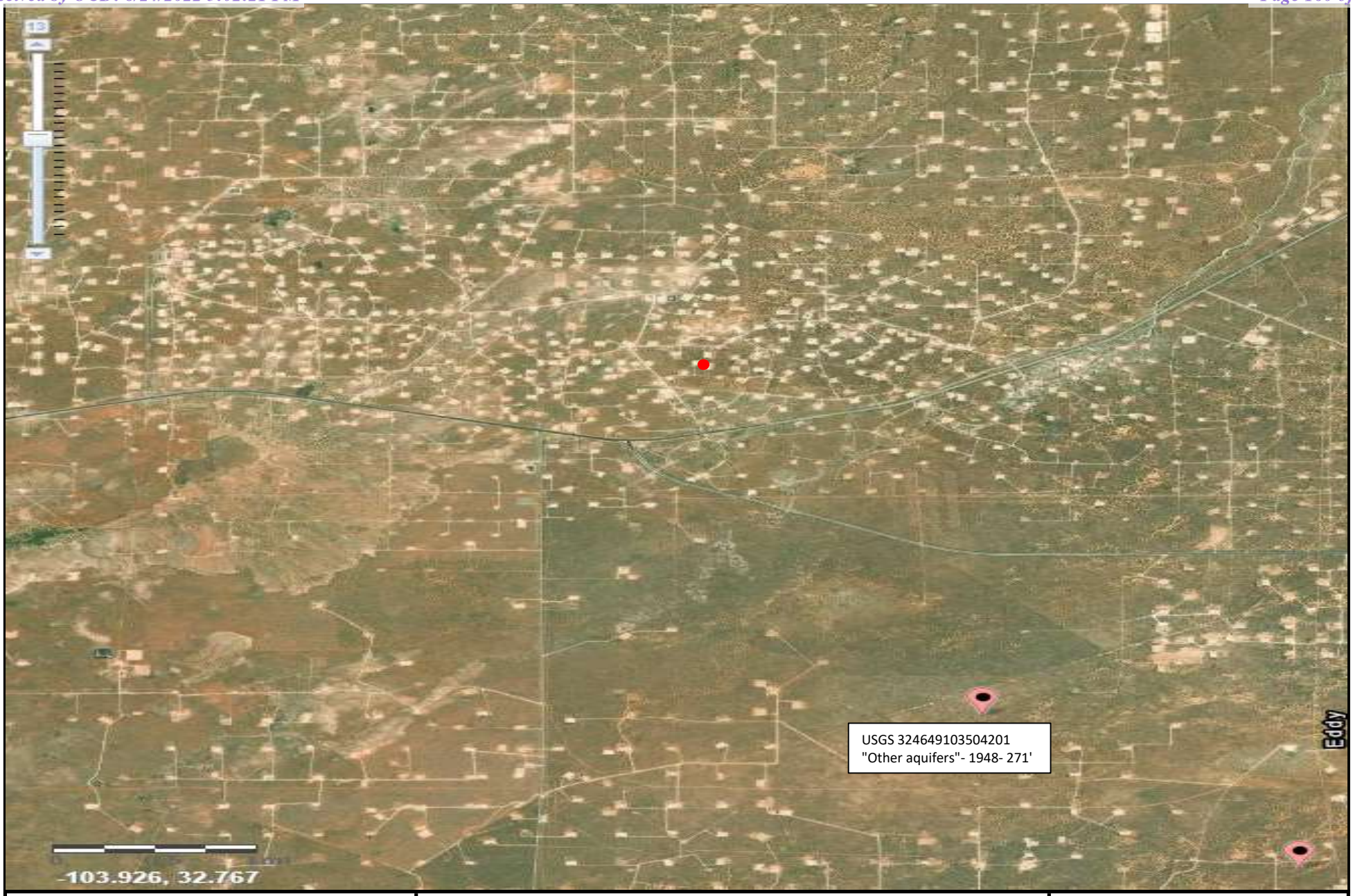
# Figures




| Legend | Topography Map | Figure 1 |
|---|---|---|
| ● Skelly 223 Location | LH Operating, LLC<br>Skelly 223<br>GPS: 32.823696, -103.866479<br>Eddy County | |




| Legend: | OSE POD Locations Map | Figure 2 |
|---|---|---|
| Skelly 223 Location<br>Active OSE Water Well<br>Soil Bore | LH Operating, LLC<br>Skelly 223<br>GPS: 32.823696, -103.866479<br>Eddy County | |




| Legend: | USGS Well Locations Map | Figure 3 |
|---|---|---|
| • Skelly 223 Location | LH Operating, LLC<br>Skelly 223<br>GPS: 32.823696, -103.866479<br>Eddy County | |


| Legend: | Delineation Sample Map | Figure 4 |
|---|---|---|
| Release Area<br>4 | LH Operating, LLC<br>Skelly 223<br>GPS: 32.823696, -103.866479<br>Eddy County New Mexico | |


| Legend | Excavation Sample Map | Figure 5 |
|---|---|---|
| Excavated Area<br>FL Composite Confirmation Sample Location | LH Operating, LLC<br>Skelly 223<br>GPS: 32.823696, -103.866479<br>Eddy County | T SQUARED ENERGY ENVIRONMENTAL |

# Table 2

**TABLE 2**
**Summary of Soil Sample Laboratory Analytical Results**
**Skelly 223**

**NMOCD Incident # nAPP2216651297**

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SP 1 | 6/14/22 | Surf | In-Situ | ND | 22.1 | ND | 14200 | 14200 | 5560 | 19,760 | **5,880** |
| FL1 | 7/8/22 | 2' | Excavated | ND | ND | ND | 135 | 135 | 53.8 | 188.8 | 31.2 |
| FL1 | 7/20/22 | 4' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SP 2 | 6/14/22 | Surf | In-Situ | 0.97 | 26.1 | ND | 82,900 | 82900 | 27900 | 110,800 | **4,250** |
| FL2 | 1/8/22 | 2' | Excavated | ND | ND | ND | 356 | 356 | ND | 356.0 | 35.5 |
| FL2 | 7/20/22 | 4' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SP 3 | 6/14/22 | Surf | In-Situ | 0.55 | 15.6 | ND | 37,000 | 37000 | 14400 | 51,400 | **6,600** |
| FL3 | 7/8/22 | 2' | Excavated | ND | ND | ND | 160 | 160 | 61.9 | 221.9 | 41.6 |
| FL3 | 7/20/22 | 4' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SP 4 | 6/14/22 | Surf | In-Situ | 0.9100 | 43.2 | 409 | 66,100 | 66100 | 22400 | 88,500 | **12,900** |
| FL4 | 7/8/22 | 3' | Excavated | ND | ND | ND | 373 | 373 | 141 | 514.0 | 67.1 |
| FL4 | 7/20/22 | 5' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SP 5 | 6/14/22 | Surf | In-Situ | 0.95 | 37.2 | 418 | 41000 | 41418 | 13900 | 55,318 | 6,380 |
| FL5 | 7/8/22 | 3' | Excavated | ND | ND | ND | 262 | 262 | 150 | 412.0 | 128 |
| FL 5 | 7/20/22 | 5' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| FL6 | 7/8/22 | 3' | Excavated | ND | ND | ND | 221 | 221 | 125 | 346.0 | 140 |
| FL6 | 7/20/22 | 5' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| FL7 | 7/8/22 | 3' | Excavated | ND | ND | ND | 227 | 227 | 98 | 325.0 | 26.5 |
| FL7 | 7/20/22 | 5' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| FL8 | 7/8/22 | 3' | Excavated | ND | ND | ND | 424 | 424 | 200 | 624.0 | 70.2 |
| FL8 | 7/20/22 | 5' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| FL9 | 7/8/22 | 3' | Excavated | ND | ND | ND | 278 | 278 | 173 | 451.0 | 96.8 |
| FL9 | 7/20/22 | 5' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| FL10 | 7/8/22 | 3' | Excavated | ND | ND | ND | 145 | 145 | 63.2 | 208.2 | 48 |
| FL10 | 7/20/22 | 5' | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |

**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**
**Skelly 223**

**NMOCD Incident # nAPP2216651297**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HZ 1 | 6/14/22 | Surf | In-Situ | ND | ND | ND | ND | ND | ND | ND | **516** |
| | 6/14/22 | 1' | In-Situ | ND | ND | ND | ND | ND | ND | ND | 214 |
| HZ 1 B | 7/25/22 | Surf | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| | 7/25/22 | 1' | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| HZ 2 | 6/14/22 | Surf | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| | 6/14/22 | 1' | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| HZ 3 | 6/14/22 | Surf | In-Situ | ND | ND | ND | ND | ND | ND | ND | **24** |
| | 6/14/22 | 1' | In-Situ | ND | ND | ND | 144 | 144 | ND | 144 | 145 |
| HZ3 B | 7/25/22 | Surf | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| | 7/25/22 | 1' | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| HZ 4 | 6/14/22 | Surf | In-Situ | ND | ND | ND | ND | ND | ND | ND | 33 |
| | 6/14/22 | 1' | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| HZ 5 | 6/14/22 | Surf | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| | 6/14/22 | 1' | In-Situ | ND | ND | ND | ND | ND | ND | ND | 48 |
| HZ 6 | 6/14/22 | Surf | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| | 6/14/22 | 1' | In-Situ | ND | ND | ND | ND | ND | ND | ND | ND |
| HZ 7 | 6/14/22 | Surf | In-Situ | ND | ND | ND | 80 | ND | ND | ND | 96 |
| | 6/14/22 | 1' | In-Situ | ND | ND | ND | 37.7 | ND | ND | ND | ND |
| | | | | | | | | | | | |
| SW1 | 7/8/22 | | Excavated | ND | ND | ND | 366 | 366 | 156 | 522.0 | 70.6 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW2 | 7/8/22 | | Excavated | ND | ND | ND | 226 | 226 | 113 | 339.0 | 43.8 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW3 | 7/8/22 | | Excavated | ND | ND | ND | 460 | 460 | 221 | 681.0 | 85 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW4 | 7/8/22 | | Excavated | ND | ND | ND | 361 | 361 | 148 | 509.0 | 126 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW5 | 7/8/22 | | Excavated | ND | ND | ND | 812 | 812 | 427 | 1239.0 | 174 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW6 | 7/8/22 | | Excavated | ND | ND | ND | 761 | 761 | ND | 761.0 | 217 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW7 | 7/8/22 | | Excavated | ND | ND | ND | 713 | 713 | ND | 713.0 | 204 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW8 | 7/8/22 | | Excavated | ND | ND | ND | 578 | 578 | ND | 578.0 | 127 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW9 | 7/8/22 | | Excavated | ND | ND | ND | 994 | 994 | 695 | 1689.0 | 34 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |
| SW10 | 7/8/22 | | Excavated | ND | ND | ND | 1030 | 1030 | 725 | 1755.0 | 50 |
| | 7/20/22 | | Excavated | ND | ND | ND | ND | ND | ND | ND | ND |

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

# Attachment I
# Site Photographs

# Photographs

| Photo: | Description: |
|---|---|

| Photo: | Description: |
|---|---|

# Photographs

| Photo: 3 | Description: |
|---|---|

| Photo: 4 | Description: |
|---|---|

# Photographs

| Photo: 5 | Description: Remediation |
|---|---|

| Photo: 6 | Description: |
|---|---|

# Photographs

| Photo: 7 | Description: |
|---|---|

| Photo: 8 | Description: Release area. |
|---|---|

# Attachment II
# Depth to Groundwater

*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 |
|---|---|---|---|---|---|---|---|---|---|
| | RA 11950 POD1 | 2 | 4 | 2 | 29 | 17S | 31E | 417229 | 3630313 |

**Driller License:** **Driller Company:**

**Driller Name:**

**Drill Start Date:** **Drill Finish Date:** **Plug Date:**

**Log File Date:** **PCW Rcv Date:** **Source:**

**Pump Type:** **Pipe Discharge Size:** **Estimated Yield:**

**Casing Size:** **Depth Well:** **Depth Water:**

*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 |
|---|---|---|---|---|---|---|---|---|---|
| | LWD 03233 POD1 | | 1 | 4 | 16 | 17S | 31E | 605524 | 3633307* |

**Driller License:** **Driller Company:**

**Driller Name:**

**Drill Start Date:** **Drill Finish Date:** **Plug Date:**

**Log File Date:** **PCW Rcv Date:** **Source:**

**Pump Type:** **Pipe Discharge Size:** **Estimated Yield:**

**Casing Size:** **Depth Well:** **Depth Water:**

***UTM location was derived from PLSS - see Help**

# New Mexico Office of the State Engineer
# Water Right Summary

get image list

**WR File Number:** LWD 03233 **Subbasin:** RA **Cross Reference:** LWD-RA-319

**Primary Purpose:** PLS NON 72-12-1 LIVESTOCK WATERING

**Primary Status:** DCL DECLARATION

**Total Acres:** 1 **Subfile:** - **Header:** -

**Total Diversion:** 6 **Cause/Case:** -

**Owner:** CHARLES R MARTIN INC

**Contact:** CHARLES M WARD, VP

## Documents on File

| Trn # | Doc | File/Act | Status 1 | Status 2 | Transaction Desc. | From/ To | Acres | Diversion | Consumptive |
|---|---|---|---|---|---|---|---|---|---|
| get images | 696718 | DCL 1992-09-28 | DCL | PRC | LWD-RA-319 | T | 1 | 6 | |

## Current Points of Diversion

(NAD83 UTM in meters)

| POD Number | Well Tag | Source | Q 64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | Other Location Desc |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LWD 03233 POD1 | | | 1 | 4 | 16 | 17S | 31E | | 605524 | 3633307* | |

***An (*) after northing value indicates UTM location was derived from PLSS - see Help**

## Priority Summary

| Priority | Status | Acres | Diversion | Pod Number |
|---|---|---|---|---|
| 12/31/1952 | DCL | 1 | 6 | LWD 03233 POD1 |

## Place of Use

| Q 256 | Q 64 | Q16 | Q4 | Sec | Tws | Rng | Acres | Diversion | CU | Use | Priority | Status | Other Location Desc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 4 | 16 | 17S | 31E | | 1 | 6 | | PLS | 12/31/1952 | DCL | |

## Source

| Acres | Diversion | CU | Use | Priority | Source | Description |
|---|---|---|---|---|---|---|
| 1 | 6 | | PLS | 12/31/1952 | SW | |

*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 |
|---|---|---|---|---|---|---|---|---|---|
| | LWD 03233 POD1 | | 1 | 4 | 16 | 17S | 31E | 605524 | 3633307* |

**Driller License:** **Driller Company:**

**Driller Name:**

**Drill Start Date:** **Drill Finish Date:** **Plug Date:**

**Log File Date:** **PCW Rcv Date:** **Source:**

**Pump Type:** **Pipe Discharge Size:** **Estimated Yield:**

**Casing Size:** **Depth Well:** **Depth Water:**

***UTM location was derived from PLSS - see Help**

# *New Mexico Office of the State Engineer*

# Water Right Summary

**WR File Number:** RA 11950 **Subbasin:** RA **Cross Reference:** -

**Primary Purpose:** GEO GEOTHERMAL BOREHOLES

**Primary Status:** PMT PERMIT

**Total Acres:** **Subfile:** - **Header:** -

**Total Diversion:** 0 **Cause/Case:** -

**Agent:** ALAN HOPPER

**Owner:** CENTRAL VALLEY ELECTRIC COOP

**Contact:** PHILIP R. MCKEE

**Documents on File**

| Trn # | Doc | File/Act | Status 1 | Status 2 | Transaction Desc. | From/ To | Acres | Diversion | Consumptive |
|---|---|---|---|---|---|---|---|---|---|
| 527356 | EXPL | 2013-05-08 | PMT | APR | RA 11950 | T | 0 | 0 | |

**Current Points of Diversion**

(NAD83 UTM in meters)

| POD Number | Well Tag | Source | Q 64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | Other Location Desc |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RA 11950 POD1 | | | 2 | 4 | 2 | 29 | 17S | 31E | 417229 | 3630313 | |
| RA 11950 POD2 | | | 4 | 1 | 3 | 28 | 17S | 31E | 604851 | 3630041 | |

# *New Mexico Office of the State Engineer*
# Water Right Summary

get image list

**WR File Number:** LWD 03233 **Subbasin:** RA **Cross Reference:** LWD-RA-319

**Primary Purpose:** PLS NON 72-12-1 LIVESTOCK WATERING

**Primary Status:** DCL DECLARATION

**Total Acres:** 1 **Subfile:** - **Header:** -

**Total Diversion:** 6 **Cause/Case:** -

**Owner:** CHARLES R MARTIN INC

**Contact:** CHARLES M WARD, VP

## Documents on File

| | Trn # | Doc | File/Act | Status 1 | Status 2 | Transaction Desc. | From/ To | Acres | Diversion | Consumptive |
|---|---|---|---|---|---|---|---|---|---|---|
| get images | 696718 | DCL | 1992-09-28 | DCL | PRC | LWD-RA-319 | T | 1 | 6 | |

## Current Points of Diversion

(NAD83 UTM in meters)

| POD Number | Well Tag | Source | Q 64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | Other Location Desc |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LWD 03233 POD1 | | | | 1 | 4 | 16 | 17S | 31E | 605524 | 3633307* | |

***An (*) after northing value indicates UTM location was derived from PLSS - see Help**

## Priority Summary

| Priority | Status | Acres | Diversion | Pod Number |
|---|---|---|---|---|
| 12/31/1952 | DCL | 1 | 6 | LWD 03233 POD1 |

## Place of Use

| Q 256 | Q 64 | Q16 | Q4 | Sec | Tws | Rng | Acres | Diversion | CU | Use | Priority | Status | Other Location Desc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 4 | 16 | 17S | 31E | 1 | 6 | | PLS | 12/31/1952 | DCL | |

## Source

| Acres | Diversion | CU | Use | Priority | Source | Description |
|---|---|---|---|---|---|---|
| 1 | 6 | | PLS | 12/31/1952 | SW | |

6/17/22 9:05 PM

WATER RIGHT
SUMMARY

# *New Mexico Office of the State Engineer*
# Water Right Summary

get image list

**WR File Number:** RA 11590 **Subbasin:** RA **Cross Reference:** -

**Primary Purpose:**

**Primary Status:** PMT PERMIT

**Total Acres:** **Subfile:** - **Header:** -

**Total Diversion:** 0 **Cause/Case:** -

**Owner:** NEW MEXICO STATE LAND OFFICE

**Contact:** DALLAS RIPPY, ASST COMM OF RECR DIV

**Documents on File**

| | Trn # | Doc | File/Act | Status 1 | Status 2 | Transaction Desc. | From/ To | Acres | Diversion | Consumptive |
|---|---|---|---|---|---|---|---|---|---|---|
| get images | 449198 | EXPL | 2010-01-22 | PMT | APR | RA 11590 EXPLORATORY | T | 0 | 0 | |

**Current Points of Diversion**

(NAD83 UTM in meters)

| POD Number | Well Tag | Source | Q 64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | Other Location Desc |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RA 11590 POD1 | | | 2 | 1 | 3 | 32 | 17S | 31E | 603315 | 3628545 | C-1 |
| RA 11590 POD2 | | | 1 | 1 | 4 | 32 | 17S | 31E | 603916 | 3628576 | C-2 |
| RA 11590 POD3 | | | 3 | 1 | 2 | 32 | 17S | 31E | 603932 | 3629260 | C-3 |
| RA 11590 POD4 | | | 4 | 1 | 1 | 32 | 17S | 31E | 603308 | 3629253 | C-4 |

*New Mexico Office of the State Engineer*

# Point of Diversion Summary

| Well Tag | POD Number | (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64 | Q16 | Q4 | Sec | Tws | Rng | (NAD83 UTM in meters) X | Y |
|---|---|---|---|---|---|---|---|---|---|
| | RA 11590 POD1 | 2 | 1 | 3 | 32 | 17S | 31E | 603315 | 3628545 |

| | | | | | |
|---|---|---|---|---|---|
| **Driller License:** | 225 | **Driller Company:** | RODGERS & CO., INC. | | |
| **Driller Name:** | | | | | |
| **Drill Start Date:** | 01/20/2010 | **Drill Finish Date:** | 01/26/2010 | **Plug Date:** | |
| **Log File Date:** | 04/23/2010 | **PCW Rcv Date:** | | **Source:** | |
| **Pump Type:** | | **Pipe Discharge Size:** | | **Estimated Yield:** | |
| **Casing Size:** | | **Depth Well:** | 158 feet | **Depth Water:** | |

National Water Information System: Web Interface

USGS Water Resources

Data Category: Site Information | Geographic Area: United States | GO

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

# USGS 324649103504201 17S.31E.34

Available data for this site SUMMARY OF ALL AVAILABLE DATA | GO

## Well Site

DESCRIPTION:

Latitude 32°46'49", Longitude 103°50'42" NAD27
Eddy County, New Mexico , Hydrologic Unit 13060011
Well depth: 271 feet
Well completed in "Other aquifers" (N9999OTHER) national aquifer.

AVAILABLE DATA:

| Data Type | Begin Date | End Date | Count |
|---|---|---|---|
| Field/Lab water-quality samples | 1948-12-06 | 1948-12-06 | 1 |
| Revisions | Unavailable (site:0) (timeseries:0) | | |

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center
Email questions about this site to New Mexico Water Science Center Water-Data Inquiries

---

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

U.S. Department of the Interior | U.S. Geological Survey

**Title: NWIS Site Information for USA: Site Inventory**
**URL: https://waterdata.usgs.gov/nwis/inventory?agency_code=USGS&site_no=324649103504201**

Page Contact Information: New Mexico Water Data Support Team
Page Last Modified: 2022-08-15 09:30:49 EDT
0.27 0.26 caww01

National Water Information System: Web Interface

USGS Water Resources

Data Category: Water Quality | Geographic Area: United States | GO

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Water Quality Samples for the Nation

## USGS 324649103504201 17S.31E.34

Available data for this site | Water-Quality: Field/Lab samples | GO

Eddy County, New Mexico
Latitude 32°46'49", Longitude 103°50'42" NAD27
Site Type: Well
The depth of the well is 271 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

**Period of record**

| Begin Date | End Date | Samples |
|---|---|---|
| 1948-12-06 | 1948-12-06 | 1 |

Choose Output Format

Retrieve Water-Quality Samples for Selected Sites
**Choose one of the following options for displaying data for the sites meeting the criteria above**

---

○ ?
Parameter Group Period of Record table
○ ?
Inventory of water-quality data For printing
○ ?
Tab-separated inventory of water-quality data Save to file *
?
Retrieve data from: to: (YYYY-MM-DD -- **Blank = all data**)
?

Retrieve sample time and time zone ◉ as stored ○ in UTC
?
Retrieve samples for specified parameter values: (Parameter Code)
Greater than (Numeric Value)
?
Samples and parameters to include:
○ Samples that include only above parameter selection criteria (Count: 0)
◉ Samples that include above selection criteria and all associated parameters
○ Samples that include above selection criteria plus one or more of these parameter codes separated by a comma (Limit: 200 codes).

<--Find parameter codes
○ Samples that include above selection criteria plus one or more of these parameters in a file
Enter the full pathname of a file containing parameter codes. (Limit: 200 codes)
Choose File No file chosen

---

○
?
Table of data Default attributes
○
?
Tab-separated data One sample per row with remark codes combined with values Default attributes
YYYY-MM-DD Save to file *

* Save compressed files with a .gz file extension.

Submit Reset Help

---

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



**Title: Water Quality Samples -- 1 sites found**
**URL: https://nwis.waterdata.usgs.gov/nwis/qwdata?**

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2022-08-15 09:32:17 EDT
0.18 0.17 nadww01

# Attachment III
# Field Data

(11 Strips)

## Sample Log

Date: 6-29-2022

Project: [redacted] Skelly 223

Latitude: _____ Longitude: _____ Sampler: _____

| Sample ID | Depth | PID/Odor | Chloride | GPS |
|---|---|---|---|---|
| Sidewall W | | / | reading under 600 | |
| Sidewall E | | / | reading under 600 | |
| Sidewall S | | / | reading 600 | |
| Sidewall W | | | reading under 600 | |
| Bottom Hole 2' | | TPH | 2,404 | |
| | | TPH | 1,224 | |
| Sidewall N | | / | reading under 600 | |
| Sidewall E | | / | reading under 600 | |
| Sidewall S | | / | reading under 600 | |
| Sidewall W | | / | reading under 600 | |
| Bottom Hole | | / | reading under 600 | |

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

18 strips

T2 Environmental

# Sample Log

Date: 6.28.22

Project: Skelly 223 - LH operating

Latitude: 32.823696 Longitude: -103.866479 Sampler:

| Sample ID | Depth | PID/Odor | Chloride | GPS |
|---|---|---|---|---|
| SP1-surface | | / | under 600 | |
| SP1- 1' | | / | under 600 | |
| SP1- 2' | | | under 600 | |
| SP1- 3' | | | under 600 | |
| SP1-4' | | | under 600 | |
| | | | | |
| | | | | |
| Sp2 surface | | | under 600 | |
| Sp2 - 1' | | | under 600 | |
| Sp2 - 2' | | | under 600 | |
| Sp2 . 3' | | | under 600 | |
| Sp2 - 4 | | | | |
| | | | | |
| | | | | |
| Sp3 surface | | | 2,216 | |
| SP3 1' | 1' | TPH | 2,648 | |
| SP3 2' | 2' | TPH | 2,904 | |
| SP3 3' | 3' | TPH | 4,464 | |
| SP3 4' | 4' | TPH | 2,904 | |
| | 5' | | | |
| SP1 SP1 | 1' | | <100 ✓ under 600 | |
| | | | | |
| | | | | |
| | | | | |
| | | | 440x4 = 1760 | |
| SP3 | 7' | | | |
| | 8' | | | |
| | 2' | | | |

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

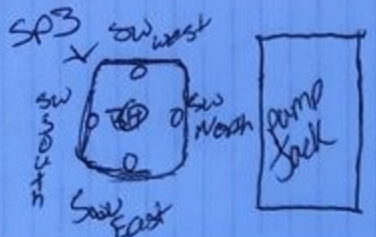
Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1

Stockpile = Stockpile #1

# Skelly 223

6-29-2022





notes:

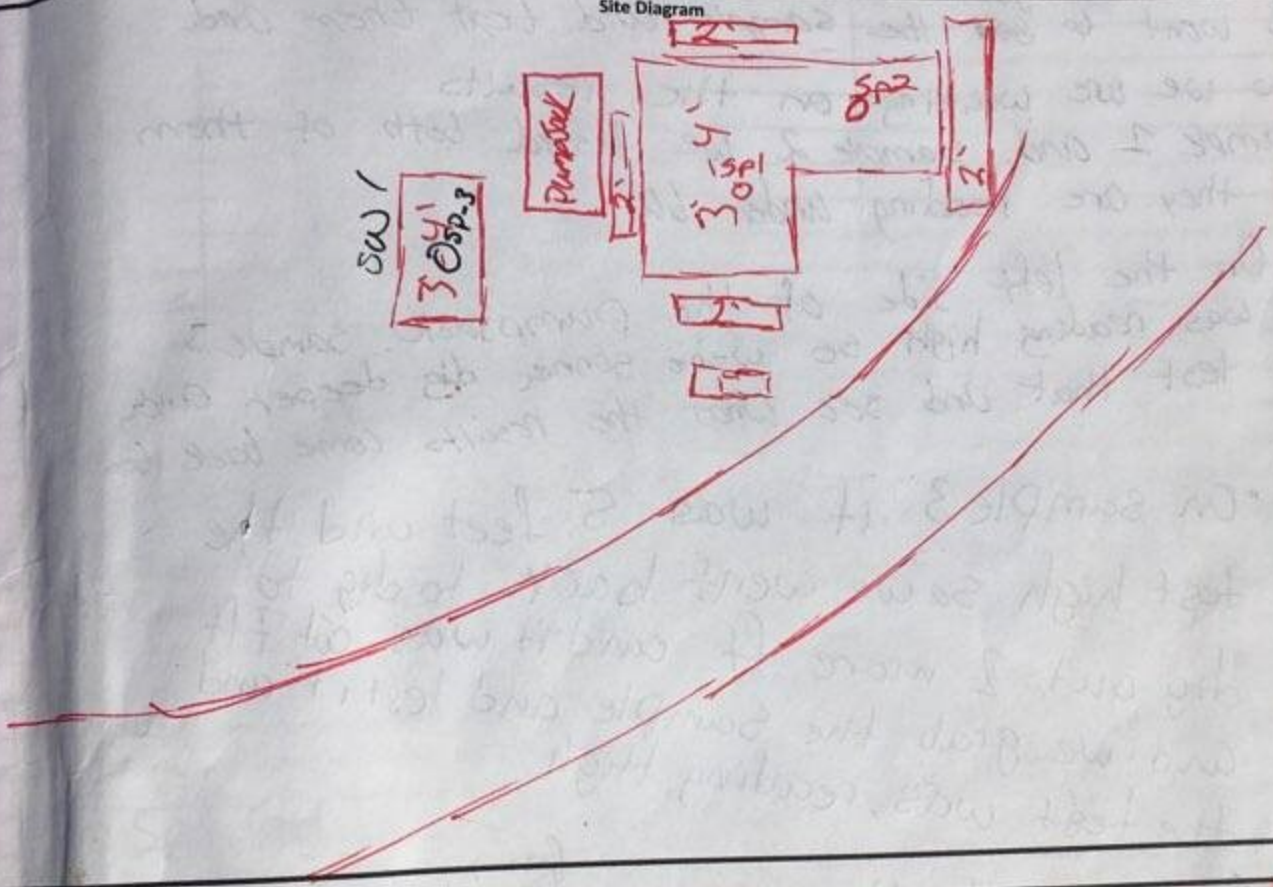
- Today we digging the ~~[illegible]~~ hole on the other side of the pump Jack and we tested the hole also which the north side, the south side, the east side, and the west side were reading under 600 and the bottom hole was reading at 2,000 then we called Lindsey to see what we needed to do next.
- On sample 4 hole we grab the sample from the bottom and the side wall and we tested sw North, SW East, Sw South, Sw West and the bottom hole and the results came back reading under 600

SW - sidewall

## Initial Site Assessment

Project: Skelly 223 - LH operating
Latitude: 32.823696
Clean Up Level:
Longitude: -103.866479
Date:
600ppm/100 - 10,000/2500

Site Diagram




Notes: We picked up the old part to the pumpjack and under the wellhead and we also got two samples. One sample we got from the 3' foot to 4' foot and the sample 2 we got from 3' foot hole that Joe dig out. Sample 1 all 4 1'-4' did not read so we went deep another foot

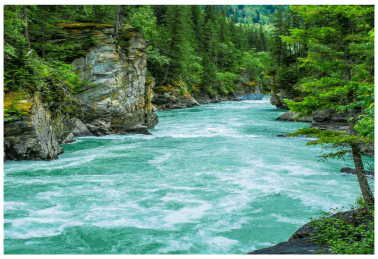
~Length:
~Width:
~Area:
~Depth:

| | Yes | No |
|---|---|---|
| Photos of the affected area? | ☐ | ☐ |
| Samples field screened and on Ice? | ☐ | ☐ |
| Sample field data entered on Sample Log? | ☐ | ☐ |
| Horizontal and Vertical delineation achieved? | ☐ | ☐ |

# Attachment IV
# Laboratory Analytical Reports

Report to:

Lindsey Nevels



5796 U.S. Hwy 64
Farmington, NM 87401

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

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

### LH Operating

Project Name: Skelly 223

Work Order: E206121

Job Number: 22055-0001

Received: 6/16/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/22/22

Date Reported: 6/22/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly 223
Workorder: E206121
Date Received: 6/16/2022 1:16:00PM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/16/2022 1:16:00PM, under the Project Name: Skelly 223.

The analytical test results summarized in this report with the Project Name: Skelly 223 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
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

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ljarboe@envirotech-inc.com

**West Texas Midland/Odessa Area**
**Rayny Hagan**
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

# Table of Contents

# Sample Summary

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 06/22/22 14:27 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| Sp1 - Surf | E206121-01A | Soil | 06/14/22 | 06/16/22 | Glass Jar, 4 oz. |
| Sp2 - Surf | E206121-02A | Soil | 06/14/22 | 06/16/22 | Glass Jar, 4 oz. |
| Sp3 - Surf | E206121-03A | Soil | 06/14/22 | 06/16/22 | Glass Jar, 4 oz. |
| Sp4 - Surf | E206121-04A | Soil | 06/14/22 | 06/16/22 | Glass Jar, 4 oz. |
| Sp5 - Surf | E206121-05A | Soil | 06/14/22 | 06/16/22 | Glass Jar, 4 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## Sp1 - Surf

**E206121-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Benzene | ND | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Ethylbenzene | **12.4** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Toluene | **8.79** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| o-Xylene | **7.05** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| p,m-Xylene | **15.1** | 1.00 | 20 | 06/20/22 | 06/21/22 | |
| Total Xylenes | **22.1** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *105 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *97.1 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Gasoline Range Organics (C6-C10) | ND | 400 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *105 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *97.1 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: AK | | | Batch: 2226020 |
| Diesel Range Organics (C10-C28) | **14200** | 2500 | 100 | 06/20/22 | 06/21/22 | |
| Oil Range Organics (C28-C36) | **5560** | 5000 | 100 | 06/20/22 | 06/21/22 | |
| *Surrogate: n-Nonane* | | *187 %* | *50-200* | *06/20/22* | *06/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2226026 |
| Chloride | **5880** | 100 | 5 | 06/20/22 | 06/20/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## Sp2 - Surf

**E206121-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Benzene | **0.970** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Ethylbenzene | **14.1** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Toluene | **10.8** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| o-Xylene | **8.73** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| p,m-Xylene | **17.3** | 1.00 | 20 | 06/20/22 | 06/21/22 | |
| Total Xylenes | **26.1** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *102 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *95.6 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Gasoline Range Organics (C6-C10) | ND | 400 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *102 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *95.6 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: AK | | | Batch: 2226020 |
| Diesel Range Organics (C10-C28) | **82900** | 2500 | 100 | 06/20/22 | 06/21/22 | |
| Oil Range Organics (C28-C36) | **27900** | 5000 | 100 | 06/20/22 | 06/21/22 | |
| *Surrogate: n-Nonane* | | *731 %* | *50-200* | *06/20/22* | *06/21/22* | *S5* |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2226026 |
| Chloride | **4250** | 100 | 5 | 06/20/22 | 06/20/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## Sp3 - Surf

**E206121-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Benzene | **0.550** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Ethylbenzene | **8.03** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Toluene | **4.64** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| o-Xylene | **5.33** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| p,m-Xylene | **10.3** | 1.00 | 20 | 06/20/22 | 06/21/22 | |
| Total Xylenes | **15.6** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *102 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *106 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *94.8 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Gasoline Range Organics (C6-C10) | ND | 400 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *102 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *106 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *94.8 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: AK | | | Batch: 2226020 |
| Diesel Range Organics (C10-C28) | **37000** | 2500 | 100 | 06/20/22 | 06/21/22 | |
| Oil Range Organics (C28-C36) | **14400** | 5000 | 100 | 06/20/22 | 06/21/22 | |
| *Surrogate: n-Nonane* | | *%* | *50-200* | *06/20/22* | *06/21/22* | *S6* |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2226026 |
| Chloride | **6600** | 100 | 5 | 06/20/22 | 06/20/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## Sp4 - Surf

**E206121-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Benzene | **0.910** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Ethylbenzene | **23.2** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Toluene | **12.2** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| o-Xylene | **14.5** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| p,m-Xylene | **28.7** | 1.00 | 20 | 06/20/22 | 06/21/22 | |
| Total Xylenes | **43.2** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *95.9 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Gasoline Range Organics (C6-C10) | **409** | 400 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *95.9 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: AK | | | Batch: 2226020 |
| Diesel Range Organics (C10-C28) | **66100** | 2500 | 100 | 06/20/22 | 06/21/22 | |
| Oil Range Organics (C28-C36) | **22400** | 5000 | 100 | 06/20/22 | 06/21/22 | |
| *Surrogate: n-Nonane* | | *518 %* | *50-200* | *06/20/22* | *06/21/22* | *S5* |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2226026 |
| Chloride | **12900** | 400 | 20 | 06/20/22 | 06/20/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## Sp5 - Surf

**E206121-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Benzene | **0.950** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Ethylbenzene | **19.7** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| Toluene | **11.0** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| o-Xylene | **12.3** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| p,m-Xylene | **25.0** | 1.00 | 20 | 06/20/22 | 06/21/22 | |
| Total Xylenes | **37.2** | 0.500 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *103 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *98.9 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2226022 |
| Gasoline Range Organics (C6-C10) | **418** | 400 | 20 | 06/20/22 | 06/21/22 | |
| *Surrogate: Bromofluorobenzene* | | *103 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/20/22* | *06/21/22* | |
| *Surrogate: Toluene-d8* | | *98.9 %* | *70-130* | *06/20/22* | *06/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: AK | | | Batch: 2226020 |
| Diesel Range Organics (C10-C28) | **41000** | 2500 | 100 | 06/20/22 | 06/21/22 | |
| Oil Range Organics (C28-C36) | **13900** | 5000 | 100 | 06/20/22 | 06/21/22 | |
| *Surrogate: n-Nonane* | | *%* | *50-200* | *06/20/22* | *06/21/22* | *S6* |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2226026 |
| Chloride | **6380** | 200 | 10 | 06/20/22 | 06/20/22 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## 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 (2226022-BLK1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/21/22 |
| 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* | *0.490* | | *0.500* | | *97.9* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.522* | | *0.500* | | *104* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.483* | | *0.500* | | *96.6* | *70-130* | | | |
| **LCS (2226022-BS1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/21/22 |
| Benzene | 2.13 | 0.0250 | 2.50 | | 85.2 | 70-130 | | | |
| Ethylbenzene | 2.12 | 0.0250 | 2.50 | | 84.9 | 70-130 | | | |
| Toluene | 2.07 | 0.0250 | 2.50 | | 82.7 | 70-130 | | | |
| o-Xylene | 2.20 | 0.0250 | 2.50 | | 87.9 | 70-130 | | | |
| p,m-Xylene | 4.27 | 0.0500 | 5.00 | | 85.4 | 70-130 | | | |
| Total Xylenes | 6.47 | 0.0250 | 7.50 | | 86.2 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.513* | | *0.500* | | *103* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.508* | | *0.500* | | *102* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.498* | | *0.500* | | *99.6* | *70-130* | | | |
| **LCS Dup (2226022-BSD1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/21/22 |
| Benzene | 2.35 | 0.0250 | 2.50 | | 94.1 | 70-130 | 9.84 | 23 | |
| Ethylbenzene | 2.38 | 0.0250 | 2.50 | | 95.1 | 70-130 | 11.3 | 27 | |
| Toluene | 2.34 | 0.0250 | 2.50 | | 93.4 | 70-130 | 12.1 | 24 | |
| o-Xylene | 2.45 | 0.0250 | 2.50 | | 98.2 | 70-130 | 11.0 | 27 | |
| p,m-Xylene | 4.81 | 0.0500 | 5.00 | | 96.2 | 70-130 | 11.9 | 27 | |
| Total Xylenes | 7.27 | 0.0250 | 7.50 | | 96.9 | 70-130 | 11.6 | 27 | |
| *Surrogate: Bromofluorobenzene* | *0.517* | | *0.500* | | *103* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.489* | | *0.500* | | *97.8* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.503* | | *0.500* | | *101* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## 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 (2226022-BLK1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/21/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: Bromofluorobenzene* | *0.490* | | *0.500* | | *97.9* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.522* | | *0.500* | | *104* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.483* | | *0.500* | | *96.6* | *70-130* | | | |
| **LCS (2226022-BS2)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/21/22 |
| Gasoline Range Organics (C6-C10) | 44.5 | 20.0 | 50.0 | | 89.0 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.508* | | *0.500* | | *102* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.487* | | *0.500* | | *97.4* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.506* | | *0.500* | | *101* | *70-130* | | | |
| **LCS Dup (2226022-BSD2)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/21/22 |
| Gasoline Range Organics (C6-C10) | 46.2 | 20.0 | 50.0 | | 92.5 | 70-130 | 3.77 | 20 | |
| *Surrogate: Bromofluorobenzene* | *0.511* | | *0.500* | | *102* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.483* | | *0.500* | | *96.5* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.509* | | *0.500* | | *102* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2226020-BLK1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/20/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *52.5* | | *50.0* | | *105* | *50-200* | | | |
| **LCS (2226020-BS1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/20/22 |
| Diesel Range Organics (C10-C28) | 487 | 25.0 | 500 | | 97.3 | 38-132 | | | |
| *Surrogate: n-Nonane* | *50.1* | | *50.0* | | *100* | *50-200* | | | |
| **Matrix Spike (2226020-MS1)** | | | | **Source: E206124-03** | | | | | Prepared: 06/20/22 Analyzed: 06/20/22 |
| Diesel Range Organics (C10-C28) | 580 | 25.0 | 500 | 63.2 | 103 | 38-132 | | | |
| *Surrogate: n-Nonane* | *52.1* | | *50.0* | | *104* | *50-200* | | | |
| **Matrix Spike Dup (2226020-MSD1)** | | | | **Source: E206124-03** | | | | | Prepared: 06/20/22 Analyzed: 06/20/22 |
| Diesel Range Organics (C10-C28) | 613 | 25.0 | 500 | 63.2 | 110 | 38-132 | 5.50 | 20 | |
| *Surrogate: n-Nonane* | *54.1* | | *50.0* | | *108* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 6/22/2022 2:27:51PM |

## Anions by EPA 300.0/9056A

Analyst: KL

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2226026-BLK1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/20/22 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2226026-BS1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/20/22 |
| Chloride | 251 | 20.0 | 250 | | 101 | 90-110 | | | |
| **LCS Dup (2226026-BSD1)** | | | | | | | | | Prepared: 06/20/22 Analyzed: 06/20/22 |
| Chloride | 250 | 20.0 | 250 | | 100 | 90-110 | 0.614 | 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

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 06/22/22 14:27 |

| | |
|---|---|
| S5 | Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes. |
| S6 | Surrogate was diluted out due to high concentrations of target and/or non-target analytes and does not provide useful information. The associated LCS spike recovery was acceptable. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |

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

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

Client: LH Operating
Project: Skelly 223
Sampler: Lindsey Weaver
Phone: 432241 2490
Email(s): Lindsey@TSQualedonergy.com
Project Manager:

RUSH? ☐ 1d ☐ 3d

Lab Use Only
Lab WO# ~~P~~E206121
Job Number 22055-0001

Page 1 of 1

| Sample ID | Sample Date | Sample Time | Matrix | Containers QTY - Vol/TYPE/Preservative | GRO/DRO by 8015 DRO | BTEX by 8021 | TPH by ~~418.1~~ 8015 | Chloride by 300.0 | Lab Number | Correct Cont/Prsrv (s) Y/N |
|---|---|---|---|---|---|---|---|---|---|---|
| Sp1- Surf | 6/14/22 | | S | | — | — | — | — | 1 | |
| Sp2- Surf | 6/14/22 | | | | — | — | — | — | 2 | |
| Sp3- Surf | 6/14/22 | | | | — | — | — | — | 3 | |
| Sp4- Surf | 6/14/22 | | | | — | — | — | — | 4 | |
| Sp5- Surf | 6/14/22 | | | | — | — | — | — | 5 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 6/14/22 | | | 6/14/22 | 1530 |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
| | 6-15-22 | 1545 | | 6/14/22 | 13:16 |

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
**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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com laboratory@envirotech-inc.com

# Envirotech Analytical Laboratory

Printed: 6/20/2022 1:08:59PM

## 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: | LH Operating | Date Received: | 06/16/22 13:16 | Work Order ID: | E206121 |
| Phone: | - | Date Logged In: | 06/16/22 14:53 | Logged In By: | Alexa Michaels |
| Email: | lnevels@hazmatspecialservices.com | Due Date: | 06/21/22 17:00 (3 day TAT) | | |

**Chain of Custody (COC)**

| | | |
|---|---|---|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: Courier |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No | |
| 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 | |

**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? | No | |
| 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 |

**Comments/Resolution**

Time sampled not provided on COC.

**Client Instruction**

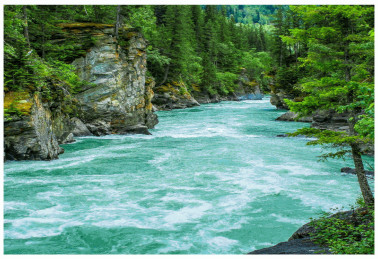
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Lindsey Nevels



5796 U.S. Hwy 64
Farmington, NM 87401

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

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

### LH Operating

Project Name: Skelly 223

Work Order: E207052

Job Number: 22055-0001

Received: 7/13/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/19/22

Date Reported: 7/19/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly 223
Workorder: E207052
Date Received: 7/13/2022 10:23:00AM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/13/2022 10:23:00AM, under the Project Name: Skelly 223.

The analytical test results summarized in this report with the Project Name: Skelly 223 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,

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**Rayny Hagan**
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

# Table of Contents

# Sample Summary

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 07/19/22 11:59 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| FL 1 | E207052-01A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 2 | E207052-02A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 3 | E207052-03A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 4 | E207052-04A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 5 | E207052-05A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 6 | E207052-06A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 7 | E207052-07A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 8 | E207052-08A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 9 | E207052-09A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| FL 10 | E207052-10A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 1

**E207052-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *101 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *91.2 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **135** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **53.8** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *115 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **31.2** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 2

**E207052-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *105 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.4 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **356** | 250 | 10 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | ND | 500 | 10 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *113 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **35.5** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 3

**E207052-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *106 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *89.5 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **160** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **61.9** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *113 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **41.6** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 4

**E207052-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *106 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.7 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **373** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **141** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *116 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **67.1** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 5

**E207052-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *105 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.7 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **262** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **150** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *115 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **128** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 6

**E207052-06**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *107 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *91.7 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **221** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **125** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *113 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **140** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 7

**E207052-07**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *106 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *92.4 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **227** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **98.0** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *113 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **26.5** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 8

**E207052-08**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *106 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.6 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **424** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **200** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *116 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **70.2** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 9

**E207052-09**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *106 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.6 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **278** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **173** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *117 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **96.8** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## FL 10

**E207052-10**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *107 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *91.1 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **145** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **63.2** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *115 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **48.0** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## Volatile Organics by EPA 8021B

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2229054-BLK1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.03* | | *8.00* | | *100* | *70-130* | | | |
| **LCS (2229054-BS1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Benzene | 5.02 | 0.0250 | 5.00 | | 100 | 70-130 | | | |
| Ethylbenzene | 4.34 | 0.0250 | 5.00 | | 86.9 | 70-130 | | | |
| Toluene | 4.71 | 0.0250 | 5.00 | | 94.2 | 70-130 | | | |
| o-Xylene | 4.63 | 0.0250 | 5.00 | | 92.6 | 70-130 | | | |
| p,m-Xylene | 8.97 | 0.0500 | 10.0 | | 89.7 | 70-130 | | | |
| Total Xylenes | 13.6 | 0.0250 | 15.0 | | 90.7 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.12* | | *8.00* | | *101* | *70-130* | | | |
| **LCS Dup (2229054-BSD1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Benzene | 5.03 | 0.0250 | 5.00 | | 101 | 70-130 | 0.205 | 20 | |
| Ethylbenzene | 4.36 | 0.0250 | 5.00 | | 87.2 | 70-130 | 0.311 | 20 | |
| Toluene | 4.72 | 0.0250 | 5.00 | | 94.4 | 70-130 | 0.264 | 20 | |
| o-Xylene | 4.65 | 0.0250 | 5.00 | | 93.0 | 70-130 | 0.385 | 20 | |
| p,m-Xylene | 9.00 | 0.0500 | 10.0 | | 90.0 | 70-130 | 0.354 | 20 | |
| Total Xylenes | 13.6 | 0.0250 | 15.0 | | 91.0 | 70-130 | 0.364 | 20 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.16* | | *8.00* | | *102* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2229054-BLK1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.10* | | *8.00* | | *88.8* | *70-130* | | | |
| **LCS (2229054-BS2)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Gasoline Range Organics (C6-C10) | 43.6 | 20.0 | 50.0 | | 87.2 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.33* | | *8.00* | | *91.7* | *70-130* | | | |
| **LCS Dup (2229054-BSD2)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Gasoline Range Organics (C6-C10) | 42.7 | 20.0 | 50.0 | | 85.5 | 70-130 | 1.98 | 20 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.25* | | *8.00* | | *90.7* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2229065-BLK1)** | | | | | | | | | Prepared: 07/14/22 Analyzed: 07/14/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *57.3* | | *50.0* | | *115* | *50-200* | | | |
| **LCS (2229065-BS1)** | | | | | | | | | Prepared: 07/14/22 Analyzed: 07/14/22 |
| Diesel Range Organics (C10-C28) | 567 | 25.0 | 500 | | 113 | 38-132 | | | |
| *Surrogate: n-Nonane* | *55.8* | | *50.0* | | *112* | *50-200* | | | |
| **Matrix Spike (2229065-MS1)** | | | | **Source: E207053-05** | | | | | Prepared: 07/14/22 Analyzed: 07/14/22 |
| Diesel Range Organics (C10-C28) | 1510 | 125 | 500 | 812 | 139 | 38-132 | | | M2 |
| *Surrogate: n-Nonane* | *66.8* | | *50.0* | | *134* | *50-200* | | | |
| **Matrix Spike Dup (2229065-MSD1)** | | | | **Source: E207053-05** | | | | | Prepared: 07/14/22 Analyzed: 07/14/22 |
| Diesel Range Organics (C10-C28) | 1990 | 125 | 500 | 812 | 236 | 38-132 | 27.7 | 20 | M2, R3 |
| *Surrogate: n-Nonane* | *66.3* | | *50.0* | | *133* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 11:59:06AM |

## Anions by EPA 300.0/9056A

Analyst: RAS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2229050-BLK1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/15/22 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2229050-BS1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/15/22 |
| Chloride | 243 | 20.0 | 250 | | 97.1 | 90-110 | | | |
| **Matrix Spike (2229050-MS1)** | | | | **Source: E207052-01** | | | | | Prepared: 07/13/22 Analyzed: 07/15/22 |
| Chloride | 276 | 20.0 | 250 | 31.2 | 97.9 | 80-120 | | | |
| **Matrix Spike Dup (2229050-MSD1)** | | | | **Source: E207052-01** | | | | | Prepared: 07/13/22 Analyzed: 07/15/22 |
| Chloride | 277 | 20.0 | 250 | 31.2 | 98.3 | 80-120 | 0.353 | 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

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 07/19/22 11:59 |

| | |
|---|---|
| M2 | Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable. |
| R3 | The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |

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

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

Project Information | Chain of Custody | Page 1 of 1

| | | | |
|---|---|---|---|
| Client: LH Operating | Bill To | Lab Use Only | TAT / EPA Program |
| Project: Skelly 223 | Attention: T Squared | Lab WO# PE207052 | Job Number 22055-0001 |
| Project Manager: Lindsey Nevels | Address: | 1D 2D 3D Standard: X | CWA / SDWA / RCRA |
| Address: T Squared Energy | City, State, Zip: | | |
| City, State, Zip: Midland Tx 88240 | Phone: | | |
| Phone: 432 241-2480 | Email: Janine@tsquaredenergy.com | | |
| Email: Lindsey@Tsquaredenergy.com | | | |
| Report due by: | | | |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Depth | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX | State: NM | CO | UT | AZ | TX | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7/8/22 | | | FL 1 | | 1 | | | | | | | X | | X | | | | | |
| | 7/8/22 | | | FL 2 | | 2 | | | | | | | X | | | | | | | |
| | 7/8/22 | | | FL 3 | | 3 | | | | | | | X | | | | | | | |
| | 7/8/22 | | | FL 4 | | 4 | | | | | | | X | | | | | | | |
| | 7/8/22 | | | FL 5 | | 5 | | | | | | | X | | | | | | | |
| | 7/8/22 | | | FL 6 | | 6 | | | | | | | X | | | | | | | |
| | 7/8/22 | | | FL 7 | | 7 | | | | | | | X | | | | | | | |
| | 7/8/22 | | | FL 8 | | 8 | | | | | | | X | | | | | | | |
| | 7/8/22 | | | FL 9 | | 9 | | | | | | | X | | | | | | | |
| | 7/8/22 | | | FL 10 | | 10 | | | | | | | X | | | | | | | |

**Additional Instructions:**

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

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

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 7.12.22 | 1:47 | | 7/12/22 | 2:30 |
| | 7-12-22 | 4:15 | | 7/13/22 | 10:23 |
| | | | | | |

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: 7/14/2022 10:48:27AM

## 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: | LH Operating | Date Received: | 07/13/22 10:23 | Work Order ID: | E207052 |
| Phone: | - | Date Logged In: | 07/13/22 08:49 | Logged In By: | Caitlin Christian |
| Email: | lindsey@tsquaredenergy.com | Due Date: | 07/19/22 17:00 (4 day TAT) | | |

**Chain of Custody (COC)**

| | | |
|---|---|---|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: UPS |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No | |
| 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 | |

**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? | No | |
| 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 |

**Comments/Resolution**

Time sampled, Matrix and Number of containers not provided on COC.

**Client Instruction**

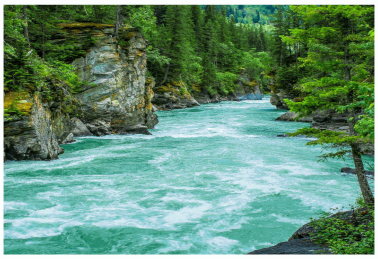
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Lindsey Nevels



5796 U.S. Hwy 64
Farmington, NM 87401

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

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

### LH Operating

Project Name: Skelly 223

Work Order: E207053

Job Number: 22055-0001

Received: 7/13/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/19/22

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

Date Reported: 7/19/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly 223
Workorder: E207053
Date Received: 7/13/2022 10:23:00AM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/13/2022 10:23:00AM, under the Project Name: Skelly 223.

The analytical test results summarized in this report with the Project Name: Skelly 223 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
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

**Alexa Michaels**
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Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

**Southern New Mexico Area**
**Lynn Jarboe**
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

**West Texas Midland/Odessa Area**
**Rayny Hagan**
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

# Table of Contents

# Sample Summary

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 07/19/22 12:02 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| SW 1 | E207053-01A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 2 | E207053-02A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 3 | E207053-03A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 4 | E207053-04A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 5 | E207053-05A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 6 | E207053-06A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 7 | E207053-07A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 8 | E207053-08A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 9 | E207053-09A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |
| SW 10 | E207053-10A | Soil | 07/08/22 | 07/13/22 | Glass Jar, 4 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## SW 1

**E207053-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *106 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *91.2 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **366** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **156** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *117 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **70.6** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## SW 2

**E207053-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *106 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.5 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **226** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **113** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *116 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **43.8** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## SW 3

**E207053-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *106 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *89.8 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **460** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **221** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *114 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **84.8** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## SW 4

**E207053-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/15/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *103 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/15/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *89.4 %* | *70-130* | *07/13/22* | *07/15/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **361** | 25.0 | 1 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **148** | 50.0 | 1 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *115 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **126** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## SW 5

**E207053-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/16/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *102 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.1 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **812** | 125 | 5 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **427** | 250 | 5 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *133 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **174** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## SW 6

## E207053-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/16/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *102 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *89.3 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **761** | 250 | 10 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | ND | 500 | 10 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *119 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **217** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

**SW 7**

**E207053-07**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/16/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *101 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.9 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **713** | 250 | 10 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | ND | 500 | 10 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *110 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **204** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## SW 8

## E207053-08

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/16/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *100 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *90.2 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **578** | 250 | 10 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | ND | 500 | 10 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *111 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **127** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## SW 9

## E207053-09

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/16/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *101 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *89.6 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **994** | 250 | 10 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **695** | 500 | 10 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *115 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **34.4** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

**SW 10**

**E207053-10**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Benzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| Toluene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/13/22 | 07/16/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *101 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2229054 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/13/22 | 07/16/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *89.8 %* | *70-130* | *07/13/22* | *07/16/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2229065 |
| Diesel Range Organics (C10-C28) | **1030** | 250 | 10 | 07/14/22 | 07/15/22 | |
| Oil Range Organics (C28-C36) | **725** | 500 | 10 | 07/14/22 | 07/15/22 | |
| *Surrogate: n-Nonane* | | *130 %* | *50-200* | *07/14/22* | *07/15/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2229050 |
| Chloride | **49.9** | 20.0 | 1 | 07/13/22 | 07/15/22 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## Volatile Organics by EPA 8021B

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2229054-BLK1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.03* | | *8.00* | | *100* | *70-130* | | | |
| **LCS (2229054-BS1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Benzene | 5.02 | 0.0250 | 5.00 | | 100 | 70-130 | | | |
| Ethylbenzene | 4.34 | 0.0250 | 5.00 | | 86.9 | 70-130 | | | |
| Toluene | 4.71 | 0.0250 | 5.00 | | 94.2 | 70-130 | | | |
| o-Xylene | 4.63 | 0.0250 | 5.00 | | 92.6 | 70-130 | | | |
| p,m-Xylene | 8.97 | 0.0500 | 10.0 | | 89.7 | 70-130 | | | |
| Total Xylenes | 13.6 | 0.0250 | 15.0 | | 90.7 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.12* | | *8.00* | | *101* | *70-130* | | | |
| **LCS Dup (2229054-BSD1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Benzene | 5.03 | 0.0250 | 5.00 | | 101 | 70-130 | 0.205 | 20 | |
| Ethylbenzene | 4.36 | 0.0250 | 5.00 | | 87.2 | 70-130 | 0.311 | 20 | |
| Toluene | 4.72 | 0.0250 | 5.00 | | 94.4 | 70-130 | 0.264 | 20 | |
| o-Xylene | 4.65 | 0.0250 | 5.00 | | 93.0 | 70-130 | 0.385 | 20 | |
| p,m-Xylene | 9.00 | 0.0500 | 10.0 | | 90.0 | 70-130 | 0.354 | 20 | |
| Total Xylenes | 13.6 | 0.0250 | 15.0 | | 91.0 | 70-130 | 0.364 | 20 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.16* | | *8.00* | | *102* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2229054-BLK1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.10* | | *8.00* | | *88.8* | *70-130* | | | |
| **LCS (2229054-BS2)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Gasoline Range Organics (C6-C10) | 43.6 | 20.0 | 50.0 | | 87.2 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.33* | | *8.00* | | *91.7* | *70-130* | | | |
| **LCS Dup (2229054-BSD2)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/16/22 |
| Gasoline Range Organics (C6-C10) | 42.7 | 20.0 | 50.0 | | 85.5 | 70-130 | 1.98 | 20 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.25* | | *8.00* | | *90.7* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2229065-BLK1)** | | | | | | | | | Prepared: 07/14/22 Analyzed: 07/14/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *57.3* | | *50.0* | | *115* | *50-200* | | | |
| **LCS (2229065-BS1)** | | | | | | | | | Prepared: 07/14/22 Analyzed: 07/14/22 |
| Diesel Range Organics (C10-C28) | 567 | 25.0 | 500 | | 113 | 38-132 | | | |
| *Surrogate: n-Nonane* | *55.8* | | *50.0* | | *112* | *50-200* | | | |
| **Matrix Spike (2229065-MS1)** | | | | **Source: E207053-05** | | | | | Prepared: 07/14/22 Analyzed: 07/14/22 |
| Diesel Range Organics (C10-C28) | 1510 | 125 | 500 | 812 | 139 | 38-132 | | | M2 |
| *Surrogate: n-Nonane* | *66.8* | | *50.0* | | *134* | *50-200* | | | |
| **Matrix Spike Dup (2229065-MSD1)** | | | | **Source: E207053-05** | | | | | Prepared: 07/14/22 Analyzed: 07/14/22 |
| Diesel Range Organics (C10-C28) | 1990 | 125 | 500 | 812 | 236 | 38-132 | 27.7 | 20 | M2, R3 |
| *Surrogate: n-Nonane* | *66.3* | | *50.0* | | *133* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/19/2022 12:02:13PM |

## Anions by EPA 300.0/9056A

Analyst: RAS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2229050-BLK1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/15/22 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2229050-BS1)** | | | | | | | | | Prepared: 07/13/22 Analyzed: 07/15/22 |
| Chloride | 243 | 20.0 | 250 | | 97.1 | 90-110 | | | |
| **Matrix Spike (2229050-MS1)** | | | | **Source: E207052-01** | | | | | Prepared: 07/13/22 Analyzed: 07/15/22 |
| Chloride | 276 | 20.0 | 250 | 31.2 | 97.9 | 80-120 | | | |
| **Matrix Spike Dup (2229050-MSD1)** | | | | **Source: E207052-01** | | | | | Prepared: 07/13/22 Analyzed: 07/15/22 |
| Chloride | 277 | 20.0 | 250 | 31.2 | 98.3 | 80-120 | 0.353 | 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

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 07/19/22 12:02 |

| | |
|---|---|
| M2 | Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable. |
| R3 | The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |

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

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

Project Information | Chain of Custody | Page 1 of 1

| | |
|---|---|
| Client: | LH Operating |
| Project: | Skelly 223 |
| Project Manager: | Lindsey Nevels |
| Address: | T Squared Energy |
| City, State, Zip: | Midland Tx 88240 |
| Phone: | 432 241-2480 |
| Email: | Lindsey@Tsquaredenergy.com |
| Report due by: | |

**Bill To**

| | |
|---|---|
| Attention: | T Squared |
| Address: | |
| City, State, Zip: | |
| Phone: | |
| Email: | Janine@tsquaredenergy.com |

**Lab Use Only**

| Lab WO# | Job Number |
|---|---|
| PE207053 | 22055-0001 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7/8/22 | | | SW 1 | | 1 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 2 | | 2 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 3 | | 3 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 4 | | 4 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 5 | | 5 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 6 | | 6 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 7 | | 7 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 8 | | 8 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 9 | | 9 | | | | | | | | | X | | | | |
| | 7/8/22 | | | SW 10 | | 10 | | | | | | | | | X | | | | |

**Additional Instructions:**

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

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

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 7-12-22 | 1:47 | | 7-12-22 | 2:30 |
| | 7-12-22 | 4:15 | | 7/13/22 | 10:23 |
| | | | | | |

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: 7/14/2022 10:49:36AM

## 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: | LH Operating | Date Received: | 07/13/22 10:23 | Work Order ID: | E207053 |
| Phone: | - | Date Logged In: | 07/13/22 08:54 | Logged In By: | Caitlin Christian |
| Email: | lindsey@tsquaredenergy.com | Due Date: | 07/19/22 17:00 (4 day TAT) | | |

| | | |
|---|---|---|
| **Chain of Custody (COC)** | | |
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: UPS |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No | |
| 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 | |
| **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? | No | |
| 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 |

**Comments/Resolution**

Time sampled, Matrix and Number of containers not provided on COC.

**Client Instruction**

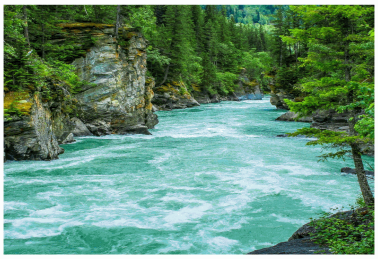
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Lindsey Nevels



5796 U.S. Hwy 64
Farmington, NM 87401

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

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

### LH Operating

Project Name: Skelly 223

Work Order: E207137

Job Number: 22055-0001

Received: 7/21/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/22/22

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

Date Reported: 7/22/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly 223
Workorder: E207137
Date Received: 7/21/2022 10:15:00AM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/21/2022 10:15:00AM, under the Project Name: Skelly 223.

The analytical test results summarized in this report with the Project Name: Skelly 223 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
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

**Alexa Michaels**
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

**Southern New Mexico Area**
**Lynn Jarboe**
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

**West Texas Midland/Odessa Area**
**Rayny Hagan**
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

# Table of Contents

# Sample Summary

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 07/22/22 15:34 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| FL 1 | E207137-01A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 2 | E207137-02A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 3 | E207137-03A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 4 | E207137-04A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 5 | E207137-05A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 6 | E207137-06A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 7 | E207137-07A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 8 | E207137-08A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 9 | E207137-09A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |
| FL 10 | E207137-10A | Soil | 07/20/22 | 07/21/22 | Glass Jar, 4 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 1

**E207137-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *114 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.8 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *101 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 2

**E207137-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *116 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *98.7 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *101 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 3

**E207137-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *120 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.2 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *102 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 4

**E207137-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *120 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.6 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *101 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 5

**E207137-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *121 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.3 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *101 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 40.0 | 2 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 6

**E207137-06**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *105 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *91.2 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *101 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 7

**E207137-07**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *103 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *91.4 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *103 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 8

**E207137-08**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *103 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *92.0 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *100 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 9

**E207137-09**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *103 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *91.0 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *100 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## FL 10

## E207137-10

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Benzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| Toluene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| o-Xylene | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/21/22 | 07/21/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *103 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2230072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *92.6 %* | *70-130* | *07/21/22* | *07/21/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: JL | | | Batch: 2230081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/21/22 | 07/21/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/21/22 | 07/21/22 | |
| *Surrogate: n-Nonane* | | *96.4 %* | *50-200* | *07/21/22* | *07/21/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: KL | | | Batch: 2230080 |
| Chloride | ND | 20.0 | 1 | 07/21/22 | 07/21/22 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## Volatile Organics by EPA 8021B

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2230072-BLK1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.31* | | *8.00* | | *104* | *70-130* | | | |
| **LCS (2230072-BS1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Benzene | 4.77 | 0.0250 | 5.00 | | 95.3 | 70-130 | | | |
| Ethylbenzene | 4.12 | 0.0250 | 5.00 | | 82.4 | 70-130 | | | |
| Toluene | 4.46 | 0.0250 | 5.00 | | 89.2 | 70-130 | | | |
| o-Xylene | 4.42 | 0.0250 | 5.00 | | 88.4 | 70-130 | | | |
| p,m-Xylene | 8.51 | 0.0500 | 10.0 | | 85.1 | 70-130 | | | |
| Total Xylenes | 12.9 | 0.0250 | 15.0 | | 86.2 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.32* | | *8.00* | | *104* | *70-130* | | | |
| **LCS Dup (2230072-BSD1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Benzene | 4.89 | 0.0250 | 5.00 | | 97.9 | 70-130 | 2.65 | 20 | |
| Ethylbenzene | 4.22 | 0.0250 | 5.00 | | 84.5 | 70-130 | 2.51 | 20 | |
| Toluene | 4.58 | 0.0250 | 5.00 | | 91.7 | 70-130 | 2.69 | 20 | |
| o-Xylene | 4.54 | 0.0250 | 5.00 | | 90.8 | 70-130 | 2.61 | 20 | |
| p,m-Xylene | 8.72 | 0.0500 | 10.0 | | 87.2 | 70-130 | 2.43 | 20 | |
| Total Xylenes | 13.3 | 0.0250 | 15.0 | | 88.4 | 70-130 | 2.49 | 20 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.24* | | *8.00* | | *103* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2230072-BLK1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.55* | | *8.00* | | *94.4* | *70-130* | | | |
| **LCS (2230072-BS2)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Gasoline Range Organics (C6-C10) | 45.3 | 20.0 | 50.0 | | 90.6 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.43* | | *8.00* | | *92.9* | *70-130* | | | |
| **LCS Dup (2230072-BSD2)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Gasoline Range Organics (C6-C10) | 45.8 | 20.0 | 50.0 | | 91.6 | 70-130 | 1.08 | 20 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.58* | | *8.00* | | *94.8* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2230081-BLK1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *47.2* | | *50.0* | | *94.4* | *50-200* | | | |
| **LCS (2230081-BS1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Diesel Range Organics (C10-C28) | 255 | 25.0 | 250 | | 102 | 38-132 | | | |
| *Surrogate: n-Nonane* | *47.7* | | *50.0* | | *95.3* | *50-200* | | | |
| **Matrix Spike (2230081-MS1)** | | | | **Source: E207133-02** | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Diesel Range Organics (C10-C28) | 263 | 25.0 | 250 | ND | 105 | 38-132 | | | |
| *Surrogate: n-Nonane* | *49.6* | | *50.0* | | *99.2* | *50-200* | | | |
| **Matrix Spike Dup (2230081-MSD1)** | | | | **Source: E207133-02** | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Diesel Range Organics (C10-C28) | 259 | 25.0 | 250 | ND | 104 | 38-132 | 1.52 | 20 | |
| *Surrogate: n-Nonane* | *48.8* | | *50.0* | | *97.6* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 7/22/2022 3:34:15PM |

## Anions by EPA 300.0/9056A

Analyst: KL

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2230080-BLK1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2230080-BS1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Chloride | 248 | 20.0 | 250 | | 99.3 | 90-110 | | | |
| **LCS Dup (2230080-BSD1)** | | | | | | | | | Prepared: 07/21/22 Analyzed: 07/21/22 |
| Chloride | 229 | 20.0 | 250 | | 91.6 | 90-110 | 8.03 | 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

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 07/22/22 15:34 |

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

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

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

Project Information | Chain of Custody | Page 1 of 1

| | |
|---|---|
| Client: | LH OPERATING |
| Project: | SKELLY 223 |
| Project Manager: | Lindsey Nevels |
| Address: | T Squared Energy |
| City, State, Zip: | Midland Tx 88240 |
| Phone: | 432 241-2480 |
| Email: | Lindsey@Tsquaredenergy.com |
| Report due by: | |

**Bill To**

| | |
|---|---|
| Attention: | T Squared |
| Address: | |
| City, State, Zip: | |
| Phone: | |
| Email: | Janine@tsquaredenergy.com |

**Lab Use Only**

| Lab WO# | Job Number |
|---|---|
| PEZ07137 | 22055-0001 |

**TAT**

| 1D | 2D | 3D | Standard |
|---|---|---|---|
| X | | | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7.20.22 | | | FL 1 | | 1 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 2 | | 2 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 3 | | 3 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 4 | | 4 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 5 | | 5 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 6 | | 6 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 7 | | 7 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 8 | | 8 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 9 | | 9 | | | | | | | | | X | | | | |
| | 7.20.22 | | | FL 10 | | 10 | | | | | | | | | X | | | | |

**Additional Instructions:**

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

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

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 7.20.22 | 12:52 | | 7.20.22 | 3:15 |
| | 7-20-22 | 4:15 | | 7/21/22 | 10:15 |
| | | | | | |

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: 7/22/2022 3:20:24PM

## 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: | LH Operating | Date Received: | 07/21/22 10:15 | Work Order ID: | E207137 |
| Phone: | - | Date Logged In: | 07/21/22 11:02 | Logged In By: | Caitlin Christian |
| Email: | lindsey@tsquaredenergy.com | Due Date: | 07/22/22 17:00 (1 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: UPS |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No | |
| 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 | |

**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 |

**Comments/Resolution**

Time sampled, Matrix and number of containers not provided on COC.

**Client Instruction**

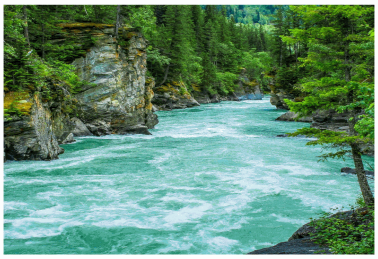
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Lindsey Nevels



5796 U.S. Hwy 64
Farmington, NM 87401

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

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

### LH Operating

Project Name: Skelly 223

Work Order: E207197

Job Number: 22055-0001

Received: 7/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/2/22

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

Date Reported: 8/2/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly 223
Workorder: E207197
Date Received: 7/29/2022 9:50:00AM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/29/2022 9:50:00AM, under the Project Name: Skelly 223.

The analytical test results summarized in this report with the Project Name: Skelly 223 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
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

**Alexa Michaels**
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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**Southern New Mexico Area**
**Lynn Jarboe**
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

**West Texas Midland/Odessa Area**
**Rayny Hagan**
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

# Table of Contents

# Sample Summary

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 08/02/22 17:44 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| HZ1 - B Surf | E207197-01A | Soil | 07/25/22 | 07/29/22 | Glass Jar, 8 oz. |
| HZ1 - B 1' | E207197-02A | Soil | 07/25/22 | 07/29/22 | Glass Jar, 4 oz. |
| HZ3 - B Surf | E207197-03A | Soil | 07/25/22 | 07/29/22 | Glass Jar, 4 oz. |
| HZ3 - B 1' | E207197-04A | Soil | 07/25/22 | 07/29/22 | Glass Jar, 4 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 8/2/2022 5:44:59PM |

## HZ1 - B Surf

**E207197-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2232017 |
| Benzene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| Toluene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| o-Xylene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/01/22 | 08/01/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| *Surrogate: Bromofluorobenzene* | | *101 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.5 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *08/01/22* | *08/01/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2232017 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/01/22 | 08/01/22 | |
| *Surrogate: Bromofluorobenzene* | | *101 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.5 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *08/01/22* | *08/01/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2232013 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/01/22 | 08/02/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/01/22 | 08/02/22 | |
| *Surrogate: n-Nonane* | | *97.4 %* | *50-200* | *08/01/22* | *08/02/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2232005 |
| Chloride | ND | 20.0 | 1 | 08/01/22 | 08/02/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 8/2/2022 5:44:59PM |

## HZ1 - B 1'

## E207197-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2232017 |
| Benzene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| Toluene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| o-Xylene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/01/22 | 08/01/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| *Surrogate: Bromofluorobenzene* | | *97.8 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *96.2 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: Toluene-d8* | | *107 %* | *70-130* | *08/01/22* | *08/01/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2232017 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/01/22 | 08/01/22 | |
| *Surrogate: Bromofluorobenzene* | | *97.8 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *96.2 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: Toluene-d8* | | *107 %* | *70-130* | *08/01/22* | *08/01/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2232013 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/01/22 | 08/02/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/01/22 | 08/02/22 | |
| *Surrogate: n-Nonane* | | *104 %* | *50-200* | *08/01/22* | *08/02/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2232005 |
| Chloride | ND | 20.0 | 1 | 08/01/22 | 08/02/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 8/2/2022 5:44:59PM |

## HZ3 - B Surf

**E207197-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2232017 |
| Benzene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| Toluene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| o-Xylene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/01/22 | 08/01/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| *Surrogate: Bromofluorobenzene* | | *100 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.7 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *08/01/22* | *08/01/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2232017 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/01/22 | 08/01/22 | |
| *Surrogate: Bromofluorobenzene* | | *100 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.7 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *08/01/22* | *08/01/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2232013 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/01/22 | 08/02/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/01/22 | 08/02/22 | |
| *Surrogate: n-Nonane* | | *94.4 %* | *50-200* | *08/01/22* | *08/02/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2232005 |
| Chloride | ND | 20.0 | 1 | 08/01/22 | 08/02/22 | |

# Sample Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 8/2/2022 5:44:59PM |

## HZ3 - B 1'

## E207197-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2232017 |
| Benzene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| Toluene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| o-Xylene | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 08/01/22 | 08/01/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 08/01/22 | 08/01/22 | |
| *Surrogate: Bromofluorobenzene* | | *98.4 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *100 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | *08/01/22* | *08/01/22* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2232017 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 08/01/22 | 08/01/22 | |
| *Surrogate: Bromofluorobenzene* | | *98.4 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *100 %* | *70-130* | *08/01/22* | *08/01/22* | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | *08/01/22* | *08/01/22* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2232013 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 08/01/22 | 08/02/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 08/01/22 | 08/02/22 | |
| *Surrogate: n-Nonane* | | *102 %* | *50-200* | *08/01/22* | *08/02/22* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2232005 |
| Chloride | ND | 20.0 | 1 | 08/01/22 | 08/02/22 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 8/2/2022 5:44:59PM |

## Volatile Organic Compounds by EPA 8260B

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2232017-BLK1)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| 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* | *0.494* | | *0.500* | | *98.8* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.504* | | *0.500* | | *101* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.525* | | *0.500* | | *105* | *70-130* | | | |
| **LCS (2232017-BS1)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Benzene | 2.48 | 0.0250 | 2.50 | | 99.1 | 70-130 | | | |
| Ethylbenzene | 2.71 | 0.0250 | 2.50 | | 108 | 70-130 | | | |
| Toluene | 2.60 | 0.0250 | 2.50 | | 104 | 70-130 | | | |
| o-Xylene | 2.54 | 0.0250 | 2.50 | | 101 | 70-130 | | | |
| p,m-Xylene | 5.03 | 0.0500 | 5.00 | | 101 | 70-130 | | | |
| Total Xylenes | 7.57 | 0.0250 | 7.50 | | 101 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.502* | | *0.500* | | *100* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.500* | | *0.500* | | *99.9* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.533* | | *0.500* | | *107* | *70-130* | | | |
| **LCS Dup (2232017-BSD1)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Benzene | 2.58 | 0.0250 | 2.50 | | 103 | 70-130 | 3.98 | 23 | |
| Ethylbenzene | 2.71 | 0.0250 | 2.50 | | 108 | 70-130 | 0.0185 | 27 | |
| Toluene | 2.61 | 0.0250 | 2.50 | | 104 | 70-130 | 0.269 | 24 | |
| o-Xylene | 2.53 | 0.0250 | 2.50 | | 101 | 70-130 | 0.276 | 27 | |
| p,m-Xylene | 5.03 | 0.0500 | 5.00 | | 101 | 70-130 | 0.00 | 27 | |
| Total Xylenes | 7.56 | 0.0250 | 7.50 | | 101 | 70-130 | 0.0926 | 27 | |
| *Surrogate: Bromofluorobenzene* | *0.502* | | *0.500* | | *100* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.519* | | *0.500* | | *104* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.529* | | *0.500* | | *106* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 8/2/2022 5:44:59PM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2232017-BLK1)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: Bromofluorobenzene* | *0.494* | | *0.500* | | *98.8* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.504* | | *0.500* | | *101* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.525* | | *0.500* | | *105* | *70-130* | | | |
| **LCS (2232017-BS2)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Gasoline Range Organics (C6-C10) | 56.3 | 20.0 | 50.0 | | 113 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.495* | | *0.500* | | *98.9* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.485* | | *0.500* | | *97.0* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.537* | | *0.500* | | *107* | *70-130* | | | |
| **LCS Dup (2232017-BSD2)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Gasoline Range Organics (C6-C10) | 59.1 | 20.0 | 50.0 | | 118 | 70-130 | 4.84 | 20 | |
| *Surrogate: Bromofluorobenzene* | *0.495* | | *0.500* | | *98.9* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.498* | | *0.500* | | *99.6* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.529* | | *0.500* | | *106* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 8/2/2022 5:44:59PM |

## 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 (2232013-BLK1)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/02/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *47.0* | | *50.0* | | *93.9* | *50-200* | | | |
| **LCS (2232013-BS1)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/02/22 |
| Diesel Range Organics (C10-C28) | 259 | 25.0 | 250 | | 103 | 38-132 | | | |
| *Surrogate: n-Nonane* | *49.7* | | *50.0* | | *99.4* | *50-200* | | | |
| **Matrix Spike (2232013-MS1)** | | | | **Source: E207193-09** | | | | | Prepared: 08/01/22 Analyzed: 08/02/22 |
| Diesel Range Organics (C10-C28) | 308 | 25.0 | 250 | 43.7 | 106 | 38-132 | | | |
| *Surrogate: n-Nonane* | *47.2* | | *50.0* | | *94.5* | *50-200* | | | |
| **Matrix Spike Dup (2232013-MSD1)** | | | | **Source: E207193-09** | | | | | Prepared: 08/01/22 Analyzed: 08/02/22 |
| Diesel Range Organics (C10-C28) | 310 | 25.0 | 250 | 43.7 | 107 | 38-132 | 0.649 | 20 | |
| *Surrogate: n-Nonane* | *46.9* | | *50.0* | | *93.8* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | **Reported:** |
| 4809 Cole Ave | Project Number: | 22055-0001 | |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 8/2/2022 5:44:59PM |

## Anions by EPA 300.0/9056A

Analyst: RAS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2232005-BLK1)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2232005-BS1)** | | | | | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Chloride | 247 | 20.0 | 250 | | 98.8 | 90-110 | | | |
| **Matrix Spike (2232005-MS1)** | | | | **Source: E207189-01** | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Chloride | 23000 | 400 | 250 | 20500 | 1000 | 80-120 | | | M4 |
| **Matrix Spike Dup (2232005-MSD1)** | | | | **Source: E207189-01** | | | | | Prepared: 08/01/22 Analyzed: 08/01/22 |
| Chloride | 24500 | 400 | 250 | 20500 | NR | 80-120 | 6.29 | 20 | M4 |

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

| | | | |
|---|---|---|---|
| LH Operating | Project Name: | Skelly 223 | |
| 4809 Cole Ave | Project Number: | 22055-0001 | **Reported:** |
| Dallas TX, 75205 | Project Manager: | Lindsey Nevels | 08/02/22 17:44 |

| | |
|---|---|
| M4 | Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |

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

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

Project Information | Chain of Custody | Page 1 of 1

| | |
|---|---|
| Client: | LH OPERATING |
| Project: | SKELLY 223 |
| Project Manager: | Lindsey Nevels |
| Address: | T Squared Energy |
| City, State, Zip: | Midland Tx 88240 |
| Phone: | 432 241-2480 |
| Email: | Lindsey@Tsquaredenergy.com |
| Report due by: | |

**Bill To**

| | |
|---|---|
| Attention: | T Squared |
| Address: | |
| City, State, Zip: | |
| Phone: | |
| Email: | Janine@tsquaredenergy.com |

**Lab Use Only**

| Lab WO# | Job Number |
|---|---|
| PE207197 | 22055-0001 |

**TAT**

| 1D | 2D | 3D | Standard |
|---|---|---|---|
| | | | X |

**EPA Program**

| CWA | SDWA | RCRA |
|---|---|---|
| | | |

**State**

| NM | CO | UT | AZ | TX | |
|---|---|---|---|---|---|
| X | | | | | |

Analysis and Method

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7.25.22 | | | HZ1 · B | SURF | 1 | | | | | | | | | X | | | | |
| | 7.25.22 | | | HZ1 · B | 1' | 2 | | | | | | | | | X | | | | |
| | 7.25.22 | | | HZ3 · B | SURF | 3 | | | | | | | | | X | | | | |
| | 7.25.22 | | | HZ3 · B | 1' | 4 | | | | | | | | | X | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

**Additional Instructions:**

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

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 |
|---|---|---|---|---|---|
| Ben Breaux | 7.25.22 | 2:45 | Jacqueline Mark | 7-25-22 | 3:20 |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
| Jacqueline Mark | 7-25-22 | 4:15P | Caitlin Christian | 7/29/22 | 9:50 |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |

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: 7/29/2022 11:12:47AM

## 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: | LH Operating | Date Received: | 07/29/22 09:50 | Work Order ID: | E207197 |
| Phone: | - | Date Logged In: | 07/29/22 09:11 | Logged In By: | Caitlin Christian |
| Email: | lindsey@tsquaredenergy.com | Due Date: | 08/03/22 17:00 (3 day TAT) | | |

**Chain of Custody (COC)**

| | | |
|---|---|---|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: UPS |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No | |
| 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 | |

**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 |

**Comments/Resolution**

Time sampled, Matrix and number of containers not provided on COC.

**Client Instruction**

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

Date

envirotech Inc.

# Attachment V
# NMOCD Form C-141

Reply all Delete Report ...

# LH Operating Skelly 223 napp2216651297 Final Closure Samples

LN Lindsey Nevels

To: OCD.Enviro@state.nm.us <OCD.Enviro@state.nm.us> <ocd.enviro@state.r Wed 7/6/2022 12:43 PM

Notification of Final Closure samples on 7/8/2022 9:00 am LH Operating Skelly 223 napp2216651297

Respectively,

Lindsey Nevels
Environmental Manager
Lindsey@Tsquaredenergy.com
432-241-2480

Reply Forward

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 | nAPP2216651297 |
| District RP | 2 |
| Facility ID | |
| Application ID | |

# Release Notification

## Responsible Party

| | |
|---|---|
| Responsible Party LH Operating, LLC | OGRID 326278 |
| Contact Name Mike Burton | Contact Telephone 575-499-5306 |
| Contact email mike@lhoperating.com | Incident # *(assigned by OCD)* nAPP2216651297 |
| Contact mailing address 4809 Cole Ave, Ste 200 Dallas TX 75205 | |

## Location of Release Source

Latitude 32.823696 Longitude -103.866479
*(NAD 83 in decimal degrees to 5 decimal places)*

| | |
|---|---|
| Site Name Skelly #223 | Site Type Oil |
| Date Release Discovered 6/14/2022 | API# *(if applicable)* 30-015-28964 |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| H | 21 | 17S | 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) 0.2 | Volume Recovered (bbls) 0 |
| ☒ Produced Water | Volume Released (bbls) 2 | 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 | Line for Murphy switch came apart. Repaired line. We made and emergency one call. scraped up the pad. Will start sampling area soon. |

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Page 2

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nAPP2216651297 |
| District RP | 2 |
| 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? |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? | |

## Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

- ☒ 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: Mike Burton  Title: _____

Signature: Michael Burton  Date: 6/14/2022

email: mike@lhoperating.com  Telephone: 575-499-5306

**OCD Only**

Received by: Jocelyn Harimon  Date: _____

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nAPP2216651297 |
| District RP | 2 |
| 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? | 300 (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 | nAPP2216651297 |
| District RP | 2 |
| Facility ID | |
| Application ID | |

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: Mike Burton Title: _____

Signature: Michael Burton Date: 6/14/2022

email: mike@lhoperating.com Telephone: 575-499-5306

**OCD Only**

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nAPP2216651297 |
| District RP | 2 |
| Facility ID | |
| 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: Mike Burton  Title: _____

Signature: Michael Burton  Date: 8/19/22

email: mike@lhoperating.com  Telephone: 575-499-5306

**OCD Only**

Received by: _____  Date: _____

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

Signature: _____  Date: _____

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | nAPP2216651297 |
| District RP | 2 |
| 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.***

[X] A scaled site and sampling diagram as described in 19.15.29.11 NMAC

[X] 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)

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

[X] 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: Mike Burton Title: _____

Signature: Michael Burton Date: 8/19/22

email: mike@lhoperating.com Telephone: 575-499-5306

**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: _____

## Oil and Water Spill Volume Spreadsheet

Calculator Updated 9/4/2013

| |
|---|
| INPUT FIELDS |
| OUTPUT |
| RESULT |

| | |
|---|---|
| Location: | Skelly 223 |
| GPS Coordinates: | |
| Spill Date: | 06.14.22 |
| Spill Time: | |

| | | |
|---|---|---|
| **Length of Spill=** | | feet |
| **Width of Spill=** | | feet |
| **Saturation (or depth) of Spill=** | | inches |

**OR**

| | | |
|---|---|---|
| **Area=** | 9,360.00 | $ft^2$ |
| **Saturation (or depth) of Spill=** | 0.50 | inches |

**OR**

| | | |
|---|---|---|
| **Soil Volume=** | | $yd^3$ |

**Use only one method**

| | | |
|---|---|---|
| **Oil Cut=** | 1.00 | % Oil |
| **Porosity Factor=** | 0.03 | |

| | | |
|---|---|---|
| **Soil Volume=** | **14.44** | $yd^3$ |
| **Total Oil in Soil=** | **0.02** | barrels |
| **Total Produced Water in Soil=** | **2.06** | barrels |

| Types of Soil | Porosity Factor |
|---|---|
| Gravel | 0.25 |
| Sand | 0.20 |
| Clay/silt/sand Mix | 0.15 |
| Clay | 0.05 |
| Caliche | 0.03 |
| Unknown | 0.25 |

# Skelly #223 release

release map

**District I**
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
**District II**
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
**District III**
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
**District IV**
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 117682

## CONDITIONS

| | |
|---|---|
| Operator:<br>LH Operating, LLC<br>4809 Cole Ave<br>Dallas, TX 75205 | OGRID:<br>329319 |
| | Action Number:<br>117682 |
| | Action Type:<br>[C-141] Release Corrective Action (C-141) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| jharimon | None | 6/15/2022 |

**District I**
1625 N. French Dr., Hobbs, NM 88240
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 137663

## CONDITIONS

| | |
|---|---|
| Operator:<br>LH Operating, LLC<br>4809 Cole Ave<br>Dallas, TX 75205 | OGRID:<br>329319 |
| | Action Number:<br>137663 |
| | Action Type:<br>[C-141] Release Corrective Action (C-141) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| rhamlet | We have received your closure report and final C-141 for Incident #NAPP2216651297 SKELLY 223, thank you. This closure is approved. | 12/8/2022 |