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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party LH Operating, LLC	OGRID
Contact Name Mike Burton	Contact Telephone 575-499-5306
Contact email Mike@lhoperating.com	Incident # *(assigned by OCD)*
Contact mailing address 4809 Cole Ave. Suite 200 Dallas, TX 75025	

Location of Release Source

Latitude 32.824673 Longitude -103.855036
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Skelly A PW tank	Site Type Facility tank
Date Release Discovered 2/4/2022	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
B	22	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) 1	Volume Recovered (bbls) 1
☒ Produced Water	Volume Released (bbls) 21	Volume Recovered (bbls) 21
	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 Overflow line from tank failure.		

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
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Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ 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: _____ Date: 4/7/2022

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

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	320 (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	
District RP	
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: _____ Date: 2/7/2022

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

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

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

☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Incident ID	NAPP2204953590
District RP	
Facility ID	
Application ID	

Closure

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

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

[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: Nicholas Holbrook Title: COO

Signature: Date: 6/8/2022

email: n.delhoperating.com Telephone: 806-790-5547

OCD Only

Received by: Robert Hamlet Date: 6/10/2022

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: 6/10/2022

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Remediation Summary & Soil Closure Request

April 13, 2022

LH Operating, LLC
Skelly A PW Tank

Eddy County, New Mexico
Latitude 32.824673 North, Longitude 103.855036 West
Unit Letter "B", Section 22, Township 17 South, Range 31 East
NMOCD Incident # nAPP2204953590

Prepared By:

Haz Mat Special Services, LLC
1909 E I-20
Midland, Tx 79701

Lindsey Nevels
Operations Manager
lnevels@hazmatspecialservices.com

Haz Mat Special Services

Table Of Contents

Haz Mat Special Services

RE: Closure Request
LH Operating, LLC
Skelly APW Tank
Latitude 32.824673 North, Longitude 103.855036 West
Unit Letter "B", Section 22, Township 17 South, Range 31 East
Eddy County, New Mexico
NMOCD Incident # nAPP2204953590

Haz Mat Special Services, LLC, (HMSS), on behalf of LH Operating, submits this *Site Characterization* and *Closure Request* to the New Mexico Oil Conservation Division (NMOCD). This Report provides documentation and serves as a condensed update on field activities undertaken at the afore referenced Site.

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

Background:

The initial C-141 Form associated with this release indicated the release occurred on February 4, 2022. The release was attributed to a tank overflow releasing approximately one (1) BBL of oil and twenty-one (21) BBLS of produced water. The client's immediate remedial actions resulted in the recovery of approximately 1BBL of oil and 21 BBLS of produced water.

The site is in Unit Letter B (NW/NE), Section 22, Township 17 South, Range 31 East, approximately 7 miles Southwest of Maljamar, in Eddy County, New Mexico. The GPS coordinates for the release site are 32.824662 North, Longitude 103.855113. The property is Federally owned.

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. According to the NMOCD groundwater map, the average depth to groundwater in this area is greater than 300' below surface.

Published data shows on January 21, 2010, an investigation soil bore was drilled by use of air driller within a half of mile radius from the Skelly A PW. The investigation soil bore was advanced to a depth of approximately 61' indicating groundwater is greater than 50'. No moisture or groundwater was encountered during drilling activities. The location of the investigative soil bore is depicted in Figure 4. A drilling log is provided as Attachment III.

Confirmation email concerning groundwater data with EMNRD is provided as Figure 4 respectively.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure and NMOCD Reclamation Standard for the Site are as follows.

Table 1
NMOCD Closure Criteria

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
>51	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	10,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	1,000	-
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

* 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.

4.0 Delineation Activities

On February 21, 2021, Haz Mat Special Services conducted an initial site assessment. During the initial assessment, a series of hand-augured soil bores and were advanced within the release margins to determine the vertical extent of impacted soil. During the advancement of the soil bores these sample locations are identified by SP and SPCF designation. In addition, sample test trenches were advanced along the inferred edges of the affected area to determine the horizontal extent of contamination. These sample locations are identified by HZ designation. 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 Quantab® chloride test kit.

Based on field observations and field test data, (26) twenty-six representative soil samples were selected for laboratory analysis. Delineation soil samples (SP1-Surf, SP1-1'), (SP2-Surf, SP2-1'), (SP3-Surf, SP3-4'), (SP4-Surf, SP4-4R), (SP5-Surf, SP5-4R), (HZ1-Surf, and 1') through (HZ8-Surf and 1'). Each were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH or chloride concentrations were above the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard in each of the submitted soil samples apart from HZ4, HZ5 and HZ6.
Sample locations represented by SP4 and SP5 hit refusal at 4'bgs. due to maxing out length of hand auger. Excessive number of flowlines in and around release area prevented any mechanical excavation in referenced area. A hydro excavator was used to excavate congested release area to achieve full delineation. (SP1-CFS1-6'), (SP2-CFS2-6'), (SP3-CFS3-9'), (SP4-CFS4-14'), (SP5-CFS5-16'), (HZ1-A, HZ2-A, HZ3-A, HZ7-A) were submitted to the laboratory for analysis of BTEX, TPH, and chloride to complete vertical delineation activities. Each were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard.

5.0 REMEDIATION ACTIVITIES

In accordance with the NMOCD, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was excavated by hand, mechanical and hydro excavation 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. Areas supporting steal connections and major support of processing equipment were left in-situ for structural support.

The excavated area measured approximately sixty to one hundred feet in length, eight to twenty feet in width and 4'to 5' in depth. During remediation activities approximately 600 cubic yards of impacted soil was excavated and hauled to an NMOCD approved disposal facility.

Confirmation soil samples represented by FL1-FL10 and SW1-SW11 (five-point composites representing no more than 200 ft of the excavated area) were collected from the floor and sidewalls.

A Delineation Sample Map and Excavation Sample Map are provided as Figure 3 and Figure 4, respectively. Field data is provided as Attachment IV. A Summary of Soil Sample Laboratory Analytical Results is provided as Table 2 and Laboratory Analytical Reports are provided as Attachment V.

Restoration, Reclamation, and Re-Vegetation:

Based upon laboratory analytical results from confirmation soil samples, excavated areas will be backfilled with locally sourced clean, non-impacted "like" material placed at or near relative positions. The affected area will be 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.

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, Haz Mat Special Services, LLC 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:

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

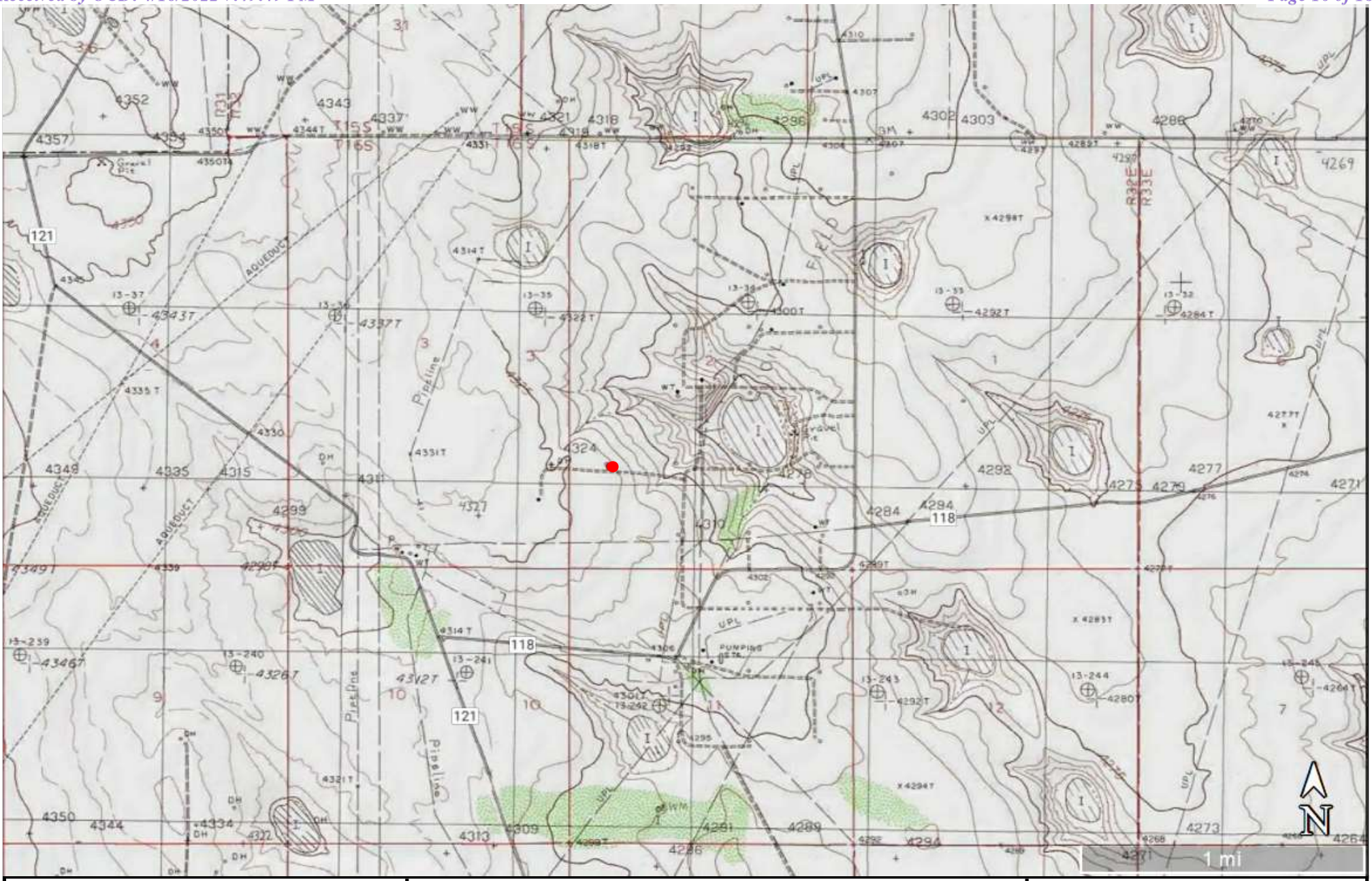
Distribution:

LH Operating, LLC
4809 Cole Ave
Dallas, TX 75205

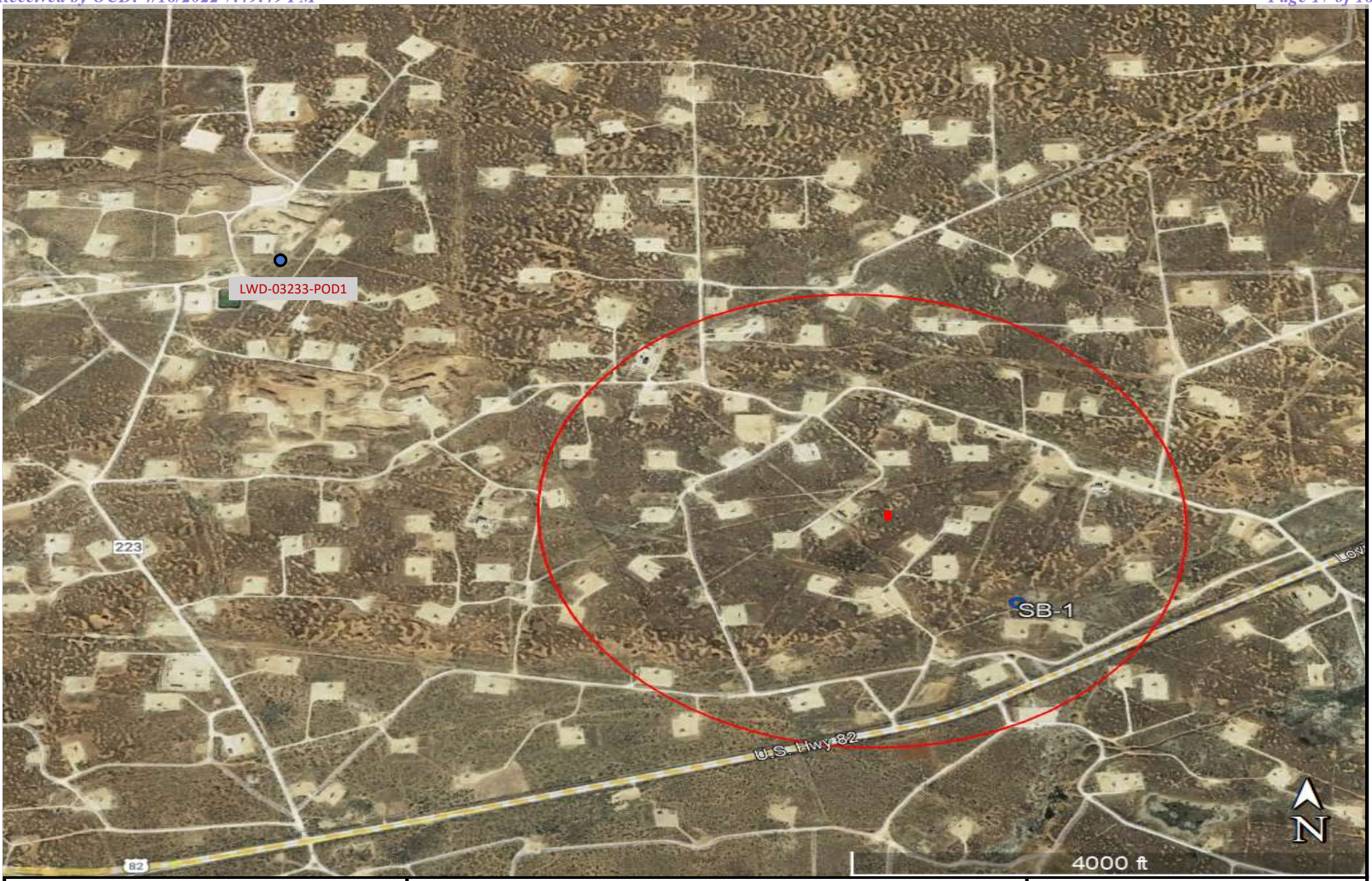
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 2
811 S. First St.
Artesia, NM 88210

Hobbs Field Office
New Mexico State Land Office
2827 North Dal Paso Street
Suite 117
Hobbs, NM 88240

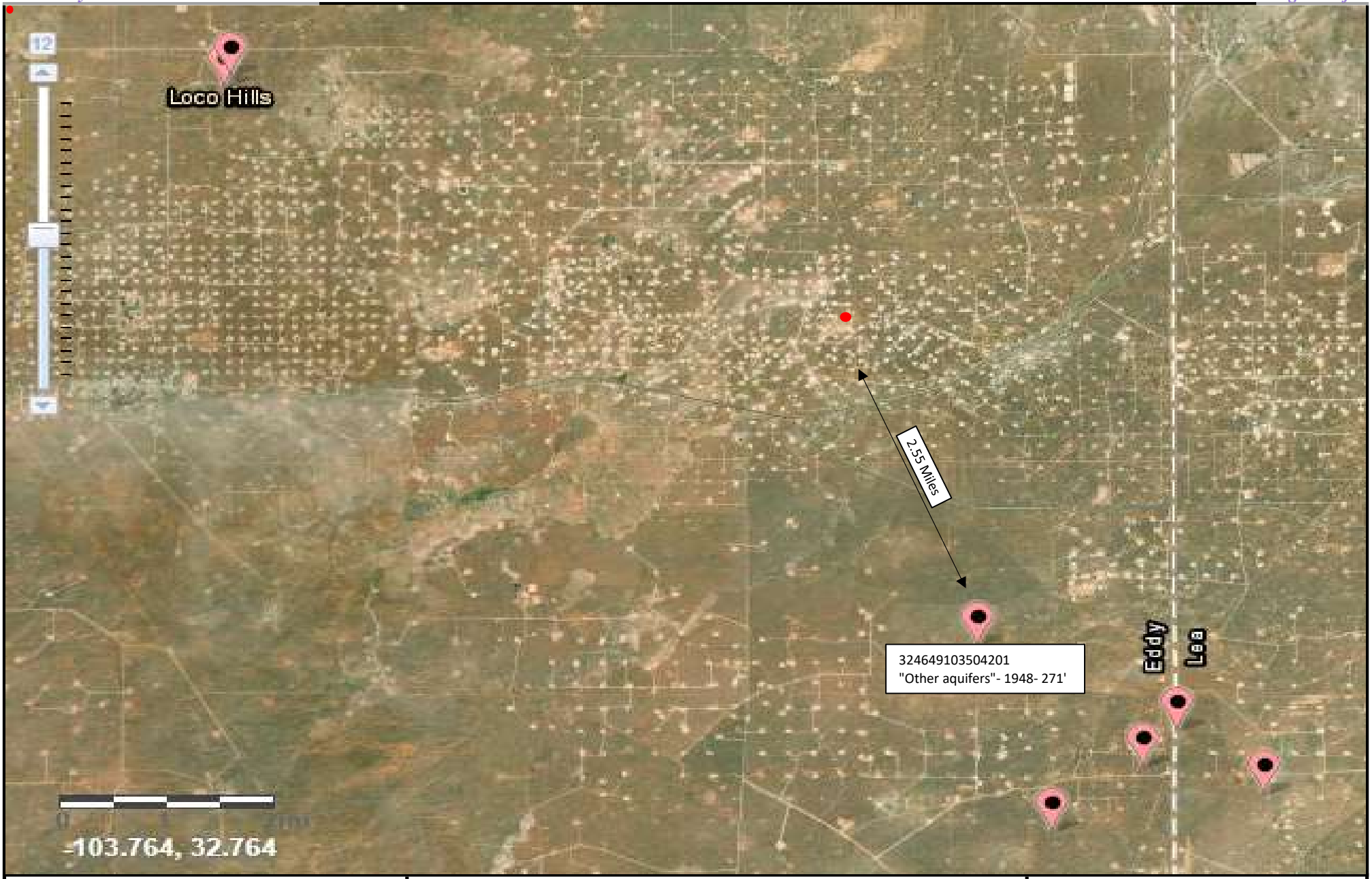
Figures



Legend	Topography Map	Figure 1
● Skelly A PW Tank Location	LH Operating, LLC Skelly A PW Tank GPS: 32.824673, -103.855036 Eddy County	



Legend:	OSE POD Locations Map	Figure 2
Skelly A PW Tank Location Active OSE Water Well Soil Bore	LH Operating, LLC Skelly A PW Tank GPS: 32.824673, -103.855036 Eddy County	



Legend:	USGS Well Locations Map	Figure 3
• Skelly A PW Tank Location	LH Operating, LLC Skelly A PW Tank GPS: 32.824673, -103.855036 Eddy County	

Lindsey Nevels

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Wednesday, March 9, 2022 8:20 AM
To: Bratcher, Mike, EMNRD; Lindsey Nevels
Subject: RE: [EXTERNAL] Ground Water Published Data

Lindsey,

Please make sure this is included in your remediation/closure report.

Thank you for the information.

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

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Tuesday, March 8, 2022 3:22 PM
To: Lindsey Nevels <lnevels@hazmatspecialservices.com>
Cc: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Subject: RE: [EXTERNAL] Ground Water Published Data

Lindsey,

Yes you can use this information to show no groundwater less than 50'. Note Rob Hamlet's email address.

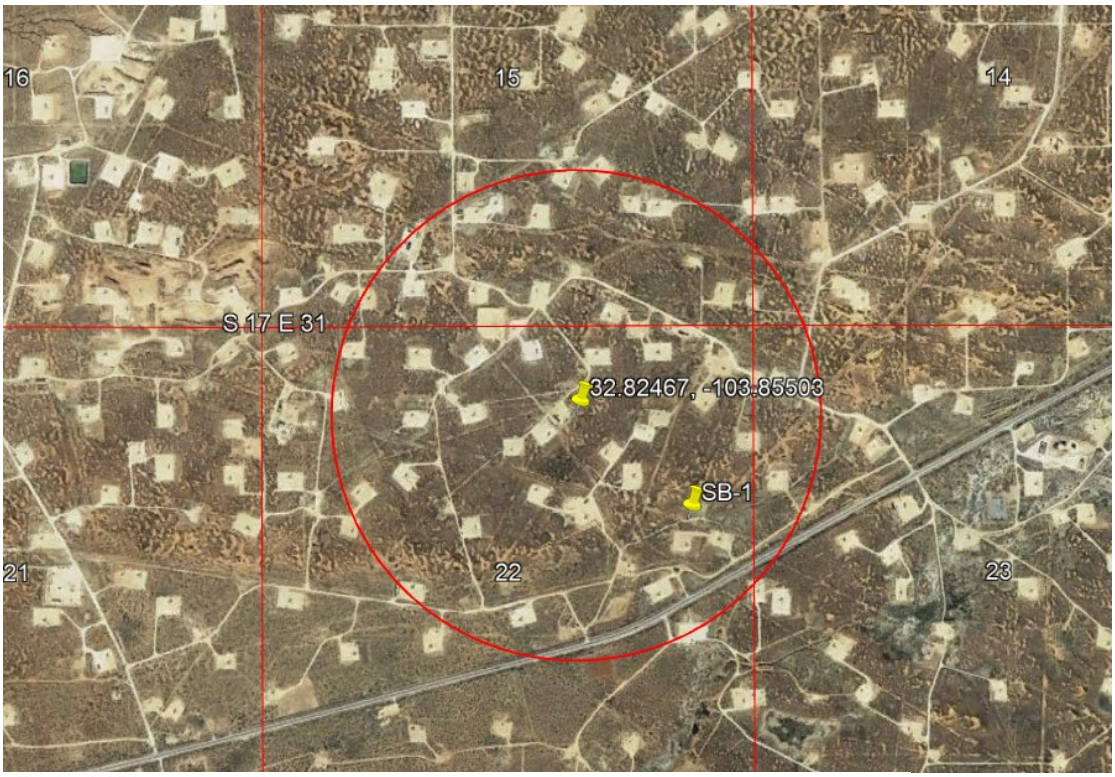
Thanks,

Mike Bratcher ● Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
811S. First St. | Artesia, NM 88210
(575) 626-0857 | mike.bratcher@state.nm.us
http://www.emnrd.state.nm.us/OCD/

From: Lindsey Nevels <lnevels@hazmatspecialservices.com>
Sent: Tuesday, March 8, 2022 2:22 PM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Robert.Hamlin@state.nm.us
Subject: [EXTERNAL] Ground Water Published Data

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

Good afternoon,
I have a question on a Site regarding groundwater. I am currently on a location where average depth to groundwater is 271' bgs. There is not a well within half a mile of spill location. BUT during my research on NMOCD site I found that Tetra Tech had drilled a soil boar to 61' at the same location had an approved workplan and closure on the exact site with this information. Will I be able to use this as my proof that groundwater is not less then 50' and clean this release up as the 10,000/2500-part Closure? The release ran in between many flowlines beside the outer edge of the berm. There are 36 headers all active flowlines intertwined with in the release. I can not get in there with any mechanical excavation at all. I have fully delineated the area and I have hand shoveled in between the flowlines to 4', so can I use the 10,000-part starting at 4' with this published information?



Boring/Well: SB-1
Project Number: 114-6400278
Client: COG Operating LLC
Site Location: SWD 8" Mainline (Skelly Area)
Location: Eddy County, New Mexico
Total Depth: 61 feet
Installation Method: Air Rotary Drilling
Date Installed: 01/21/10

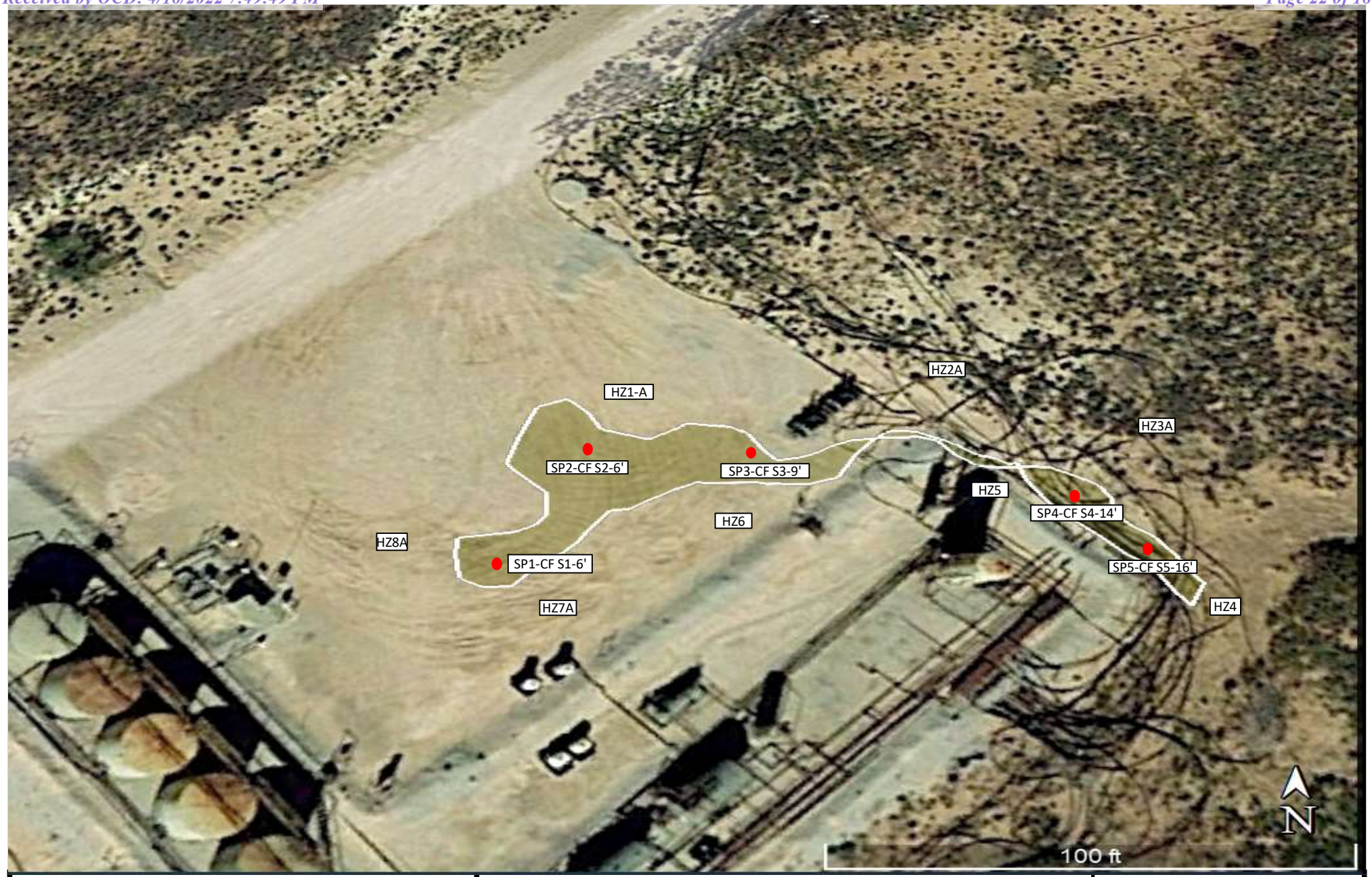
DEPTH (Ft)	OVM	SAMPLE DESCRIPTION
0-5'	N/A	Brown sand
6-7'	N/A	Red sandy clay
8-9'	N/A	Red sandy clay
10-11'	N/A	Caliche
15-16'	N/A	Sandy clay with some caliche
20-21'	N/A	Red clay with some sand
25-26'	N/A	Red clay with some sand
30-31'	N/A	Red clay with some sand
35-36'	N/A	Red clay with some sand
40-41'	N/A	Red clay with some sand
50-51'	N/A	Red clay with some sand
60-61'	N/A	Red clay with some sand

Total Depth is 61 feet No Groundwater encountered during drilling

Respectfully,

Lindsey Nevels

Lindsey Nevels
Operations Manager West Texas- New Mexico
Haz Mat Special Services, LLC



Legend:	Delineation Sample Map	Figure 5
Release Area SP1 Delineation Sample Location	LH Operating, LLC Skelly A PW Tank GPS: 32.824673, -103.855036 Eddy County New Mexico	

Legend	Excavation Sample Map	Figure 6
Excavated Area CFS1 Composite Confirmation Sample Location	LH Operating, LLC Skelly GPS: 32.824673, -103.855036 Eddy County	HAZ MAT SPECIAL SERVICES

Table

TABLE 2
Summary of Soil Sample Laboratory Analytical Results
LH Operating, LLC

Skelly

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	2/21/22	Surf	In-Situ	ND	2.1	72	**16000**	**16072**	**7500**	**23,572.0**	**21,000**
	2/21/22	1'	In-Situ	ND	ND	ND	430	430	650	**1,080.0**	150
CF S1	2/28/22	6'	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
SP 2	2/21/22	Surf	In-Situ	ND	8.3	130	**25,000**	**25130**	**14000**	**39,130.0**	**6,100**
	2/21/22	1'	In-Situ	ND	ND	ND	**1,400**	**1400**	**580**	**1,980.0**	ND
CF S2	2/28/22	6'	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
SP 3	2/21/22	Surf	In-Situ	ND	2.4	70	ND	ND	ND	ND	**5,000**
	2/21/22	4'	In-Situ	ND	ND	ND	ND	ND	ND	ND	850
CF S3	2/28/22	9'	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
SP 4	2/21/22	Surf	In-Situ	ND	17	**350**	**13,000**	**13350**	**6100**	**19,450.0**	**400**
	2/28/22	4' R	In-Situ	ND	ND	ND	ND	ND	ND	ND	**2,200**
CF S4	3/1/22	11'	In-Situ	ND	ND	ND	66	66	62	128	**2,000**
	3/16/22	14'	In-Situ	ND	ND	ND	ND	ND	ND	ND	33
SP 5	2/22/22	Surf	In-Situ	ND	50	**660**	**12,000**	**12660**	**4,300**	**16,960.0**	**1,500**
	2/28/22	4'R	In-Situ	ND	ND	ND	99	99	140	**239.0**	**2,600**
CF S5	3/1/22	12'	In-Situ	ND	ND	ND	51	51	50	**101.0**	**2,200**
	3/16/22	16'	In-Situ	ND	ND	ND	ND	ND	ND	ND	25
HZ1	2/21/22	Surf	In-Situ	ND	ND	ND	**430**	**430**	**530**	**960.0**	120
	2/21/22	1'	In-Situ	ND	ND	ND	19	19	ND	19.0	ND
HZ1-A	3/16/22	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	3/16/22	1'	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
HZ2	2/28/22	Surf	In-Situ	ND	ND	ND	98	98	71	**169.0**	**2,500**
	2/28/22	1'	In-Situ	ND	ND	ND	57	57	55	**112.0**	**1,500**
HZ2A	3/16/22	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	3/16/22	1'	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
HZ3	2/28/22	Surf	In-Situ	ND	ND	ND	10	10	ND	10.0	ND
	2/28/22	1'	In-Situ	ND	ND	ND	35	35	ND	35.0	**2,200**
HZ3-A	3/16/22	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	3/16/22	1'	In-Situ	ND	ND	ND	10	10	ND	10.0	ND
HZ4	2/28/22	Surf	In-Situ	ND	ND	ND	32	32	ND	32.0	88
	2/28/22	1'	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
HZ5	2/28/22	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	2/28/22	1'	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
HZ6	2/28/22	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	2/28/22	1'	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
HZ7	2/28/22	Surf	In-Situ	ND	ND	ND	64	64	55	**119**	**1,500**
	2/28/22	1'	In-Situ	ND	ND	ND	110	110	95	**205**	**2,300**
HZ7A	3/16/22	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	3/16/22	1'	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
HZ8	02/28/22	Surf	In-Situ	ND	ND	ND	58	58	54	**112**	**1,600**
	2/28/22	1'	In-Situ	ND	ND	ND	35	35	43	78	**2300**
HZ8-A	3/16/22	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
	3/16/22	1'	In-Situ	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 2
Summary of Soil Sample Laboratory Analytical Results
LH Operating, LLC

Skelly

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)
				10	**50**	**-**	**-**	**N/A**	**-**	**2,500**	**10,000**
FL1	3/16/2022	4'	Excavated	ND	ND	ND	ND	ND	ND	ND	67
FL2	3/16/2022	4'	Excavated	ND	ND	ND	ND	ND	ND	ND	65.4
FL3	3/16/2022	4'	Excavated	ND	ND	ND	145	145	76	221	218
FL4	3/16/2022	4'	Excavated	ND	ND	ND	ND	ND	ND	ND	69
FL5	3/16/2022	4'	Excavated	ND	ND	ND	387	387	186	573	811
FL6	3/16/2022	4'	Excavated	ND	ND	ND	1150	1150	514	1664	393
FL7	3/16/2022	4'	Excavated	ND	ND	ND	170	170	94	264	417
FL8	3/16/2022	4'	Excavated	ND	ND	ND	89	89	59	148	1180
FL9	3/16/2022	4'	Excavated	ND	ND	ND	ND	ND	ND	ND	1540
FL10	3/16/2022	4'	Excavated	ND	ND	ND	107	107	65	172	1810
SW1	2/28/22	4'	Excavated	ND	ND	ND	ND	ND	ND	ND	ND
SW2	2/28/22	4'	Excavated	ND	ND	ND	ND	ND	ND	ND	ND
SW3	2/28/22	4'	Excavated	ND	ND	ND	ND	ND	ND	ND	ND
SW4	2/28/22	4'	Excavated	ND	ND	ND	93	93	80	173	2,300
SW4 A-1'	3/16/22	4'	Excavated	ND	ND	ND	ND	ND	ND	ND	22.7
SW5	3/16/22	4'	Excavated	ND	ND	ND	ND	ND	ND	ND	24.3
SW6	3/16/22	4'	Excavated	ND	ND	ND	ND	ND	ND	ND	22.6
SW7	3/16/22	4'	Excavated	ND	ND	ND	ND	ND	ND	ND	23.0
SW8	3/16/22	4'	Excavated	ND	ND	ND	ND	ND	ND	ND	39.7
SW9	3/16/22	4'	Excavated	ND	ND	ND	ND	ND	ND	ND	23.5
SW10	3/16/22	4'	Excavated	ND	ND	ND	ND	ND	ND	ND	26.1
SW11	3/16/22	4'	Excavated	ND	ND	ND	ND	ND	ND	ND	24.5
SW12	3/16/22	4'	Excavated	ND	ND	ND	31	ND	ND	ND	20.5

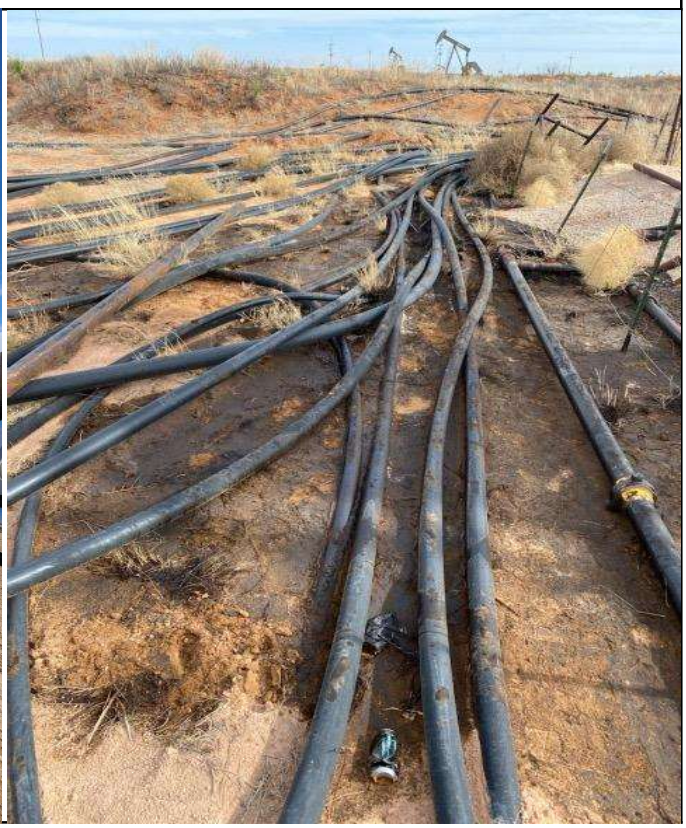
NOTES:
- = Sample not analyzed for that constituent.
Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Attachment I
Site Photographs

Photographs

Photo: 1	Description:

Photo: 2	Description:



Photographs

Photo: 3	Description: Before

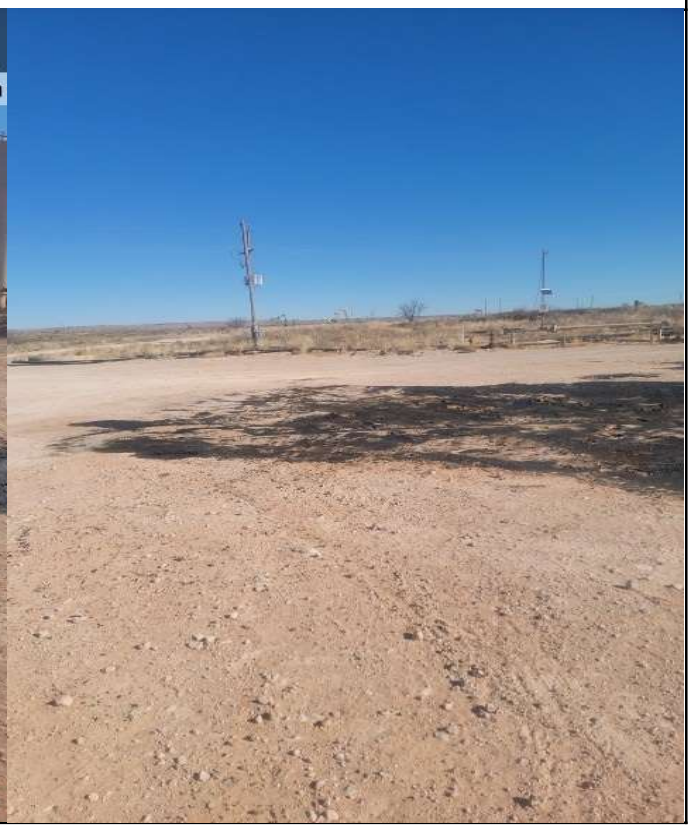
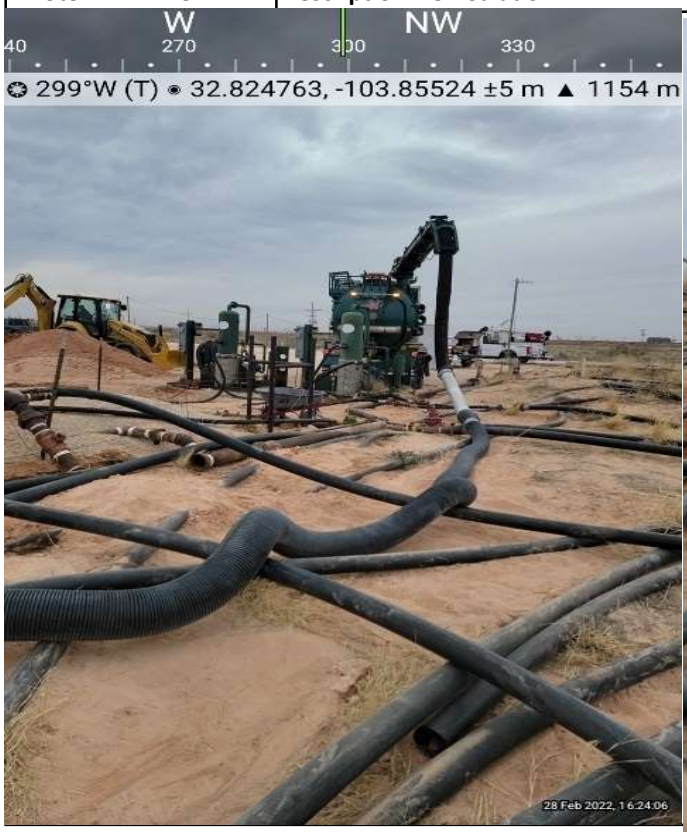


Photo: 4	Description:

Photographs

Photo: 5	Description: Remediation



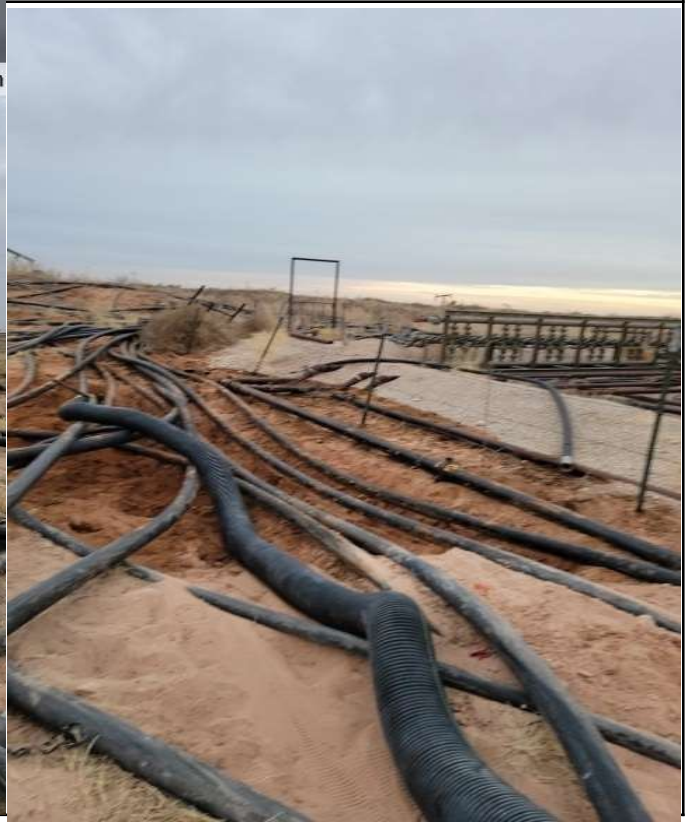


Photo: 6	Description:

Photographs

Photo: 7	Description: Release area.

Photo: 8	Description: Release area.

Photographs

Photo: 9	Description:

Photo: 10	Description:

Photographs

Photo: 11	Description:

Photo: 12	Description: Release area after surface lines moved in preparation for excavation.

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
	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
Transaction Summary

DCL Declaration of a Water Right

Transaction Number: 696718 **Transaction Desc:** LWD-RA-319 **File Date:** 09/28/1992

Primary Status: DCL Declared
Secondary Status: PRC Processed
Person Assigned: *******
Applicant: CHARLES R MARTIN INC
Contact: CHARLES M WARD, VP

Events

	Date	Type	Description	Comment	Processed By
get images	09/28/1992	APP	Application Received	*	*******
	09/28/1992	FTN	Finalize non-published Trans.		*******
	06/03/2021	QAT	Quality Assurance Completed	DATA	*******
	08/25/2021	QAT	Quality Assurance Completed	IMAGE	*******

Water Right Information

WR File Nbr	Acres	Diversion	Consumptive	Purpose of Use
LWD 03233	1	6		PLS NON 72-12-1 LIVESTOCK WATERING

****Point of Diversion**

LWD 03233 POD1		605524	3633307*

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

****Place of Use**

Q 256	Q 64	Q 16	Q 4	Sec	Tws	Rng	Acres	Diversion	Consumptive	Use	Priority	Status	Other Loc Desc
		NW	SE	16	17S	31E	1	6		PLS	12/31/1952	DCL	

Remarks

"TAYLOR TANK"

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: 2022-02-25 10:30:46 EST
0.28 0.26 vaww01

National Water Information System: Web Interface

USGS Water Resources

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

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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:

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---

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: 2022-02-14 15:36:48 EST
0.27 0.25 caww02

Attachment III
Field Data

HMSS

Initial Site Assessment

Date:

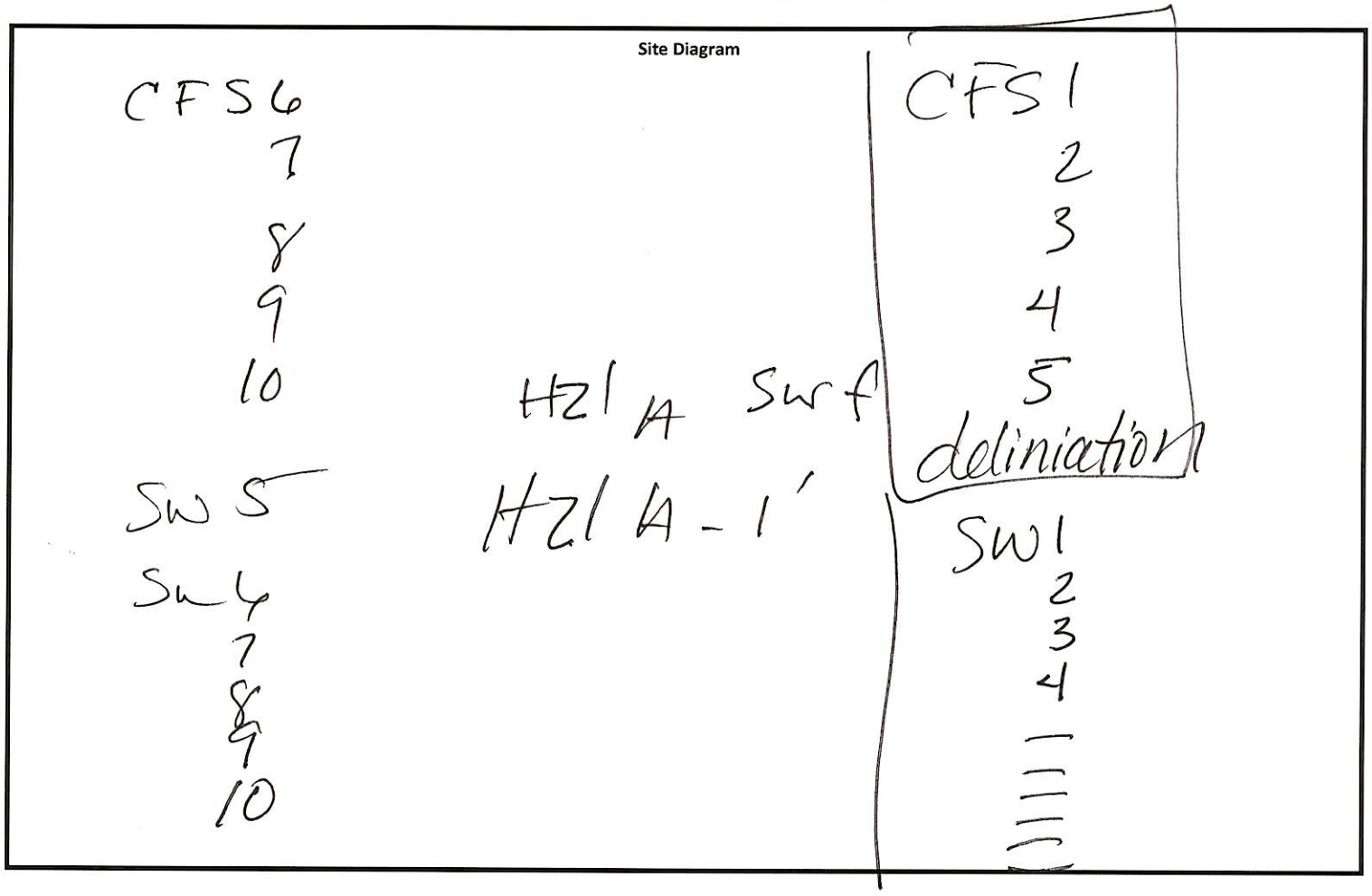
Project: Skelly - LH operating

Clean Up Level: 600ppm/100 - 10,000/2500

Latitude: 32.824673

Longitude: -103.855036

Site Diagram



Notes:

all disturbed contaminated scraped hauled to disposal
- sampled field clean at 2'
Labs came back SW1 not at 2' start excavation to 4'
- hand shoveled around flowlines, Brought in hydrovac to excavate around flowlines

~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?	☑	☐

HMSS

Initial Site Assessment

Date:

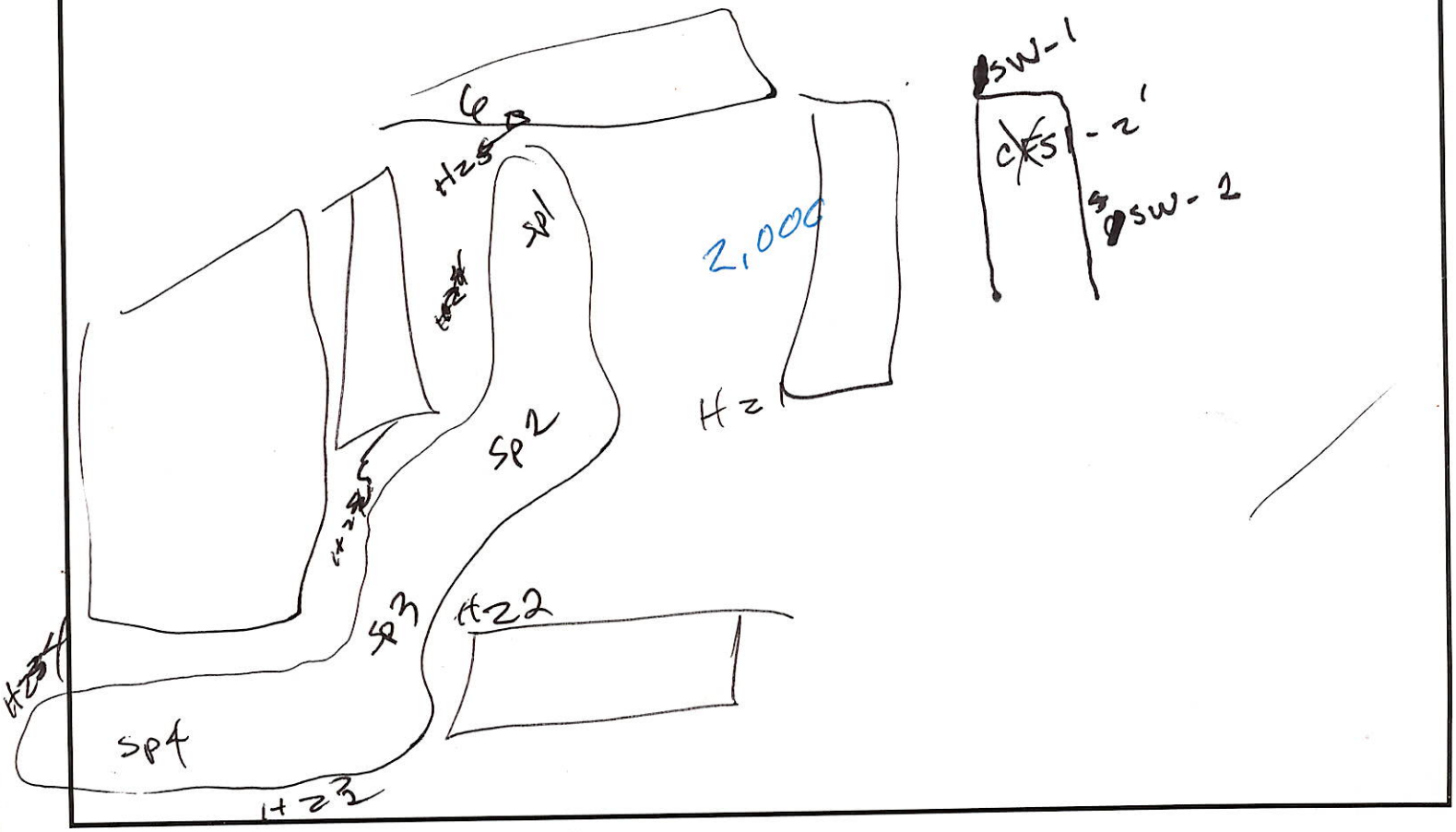
Project: Skelly - LH operating

Clean Up Level: 600ppm/100tph

Latitude: 32.824662

Longitude: -103.855113

Site Diagram



Notes:

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

Floor Scan

	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?	☐	☐

CFS1 -

SW1 -

comp side wall

HMSS

Sample Log

Date: 2-21-22

Project: Skelly - LH operating

Latitude: 32.824673 Longitude: -103.855036 Sampler: Linders

Sample ID	Depth	PID/Odor	Chloride	GPS
Sp1 - Surf	Surf	TPH	15,863 2.21.22 lab	
	1'	-	454 lab 2.21.22	
Sp2- Surf	1.	TPH	9,000 lab 2.21.22	
	1	-	396 lab 2.21.22	
Sp3- Surf	Surf	TPH	4,030 lab 2.21.22	
1'		TPH	2,400	
2'		TPH	1,908	
3'			900	
4'			590 lab 2.21.22	
Sp4- Surf	Surf	TPH	5,304	
	1.		3,588	
	2.		3,204	
	3		3,770	
	4'-R		2,776	maxed out hand auger
				Cavit & equipment
Sp5- Surf	Surf	TPH	Lab	flowlines
	1.		7,000	
	2'		4,502	
	3'		3,588	
	4'-R		2,776 lab 2.28.22	maxed out hand aug
				flowlines
Hz1-	Surf		180 2.21.22	
	1'		400 2.21.22	
Hz2	Surf		400 2.28.22	
	1'		400 2.27.22	
Hz3	Surf		<400 22822	
	1'		<400 22822	
Hz4	Surf		<400 22822	
	1'		<400 22822	

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

Hungry Horse, LLC

Sample Log

Project: ~~PLU South Frac Pond~~ SKelly

Date:

Latitude: ~~32.11345~~

Longitude: -103.91211

Sampler:

Sample ID	Depth	PID/Odor	Chloride	GPS
Sp4 - 4'			2200	
Sp5 - 4'			2600	
Hz2-A -Surf				
A 1'				
Hz3-A Surf				
A 1'				
Hz7 -A - Surf				
Hz7-A 1'				
SW4				
Sp1 - Surf	TPH		21,000	
1'	TPH		150 23K	
2'	TPH		~~ND~~ field 800	
3'	ND		ND	
4'			FL 1 Final	Lab
Sp2 Surf			38K 6100	
1'			20000 ND	
2'			chloride & 1800	
3'			ND	
4'			~~ND~~ (historical) Final Lab	
Sp3. Surf			5000 chl	
1'			850	
2'			600	
3'		~~TPH~~	ND	
4'		850'	~~ND~~	
4.5		ND		
Sp4 1				
2				
3				
4			2,200	
4.5			Final Lab	

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

HMSS

Sample Log

Date: _____

Project: Skelly - LH operating

Latitude: 32.824673 Longitude: -103.855036 Sampler: _____

Sample ID	Depth	PID/Odor	Chloride	GPS
HZ1A	Surf		<100 31622	
	1'		<100 31622	
HZ2A	Surf		<100 31627	
	1		<100	
HZ3A	Surf		200	
	1		<100	
HZ7A	Surf		300	
	1'		<100	
HZ8A	Surf		<100	
	1		<100	
CF SW-	14		310	
CFSS-	16			
SW4A 1'			207 31622	Found
SW5			400 31622	
SW6			<100 31622	
SW7			480 31627	
SW8			400 31627	
SW9			570 31627	
SW10			<100 31627	
			<100 31627	
FL1			2700 31627	
FL2			1800 31627	
FL3			1100 31627	
FL4			800 31627	
FL5			1500 31627	
FL6			2600 31627	
FL7			1200 31627	
FL8			2340 31627	
FL9			2604 31627	
FL10			4800 31627	
PL			1401 31627	
SW11			31627	
SW12			31627	

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

HMSS

Sample Log

Date: _____

Project: Skelly - LH operating

Latitude: 32.824673 Longitude: -103.855036 Sampler: _____

Sample ID	Depth	PID/Odor	Chloride	GPS
CFS1	4,		872	
	1'		~~1630~~	
lab	2'		~~2100~~ lab	2.28.22
SW1	2'	-	~~3404000~~ lab	2.28.22
SW 2			3080 lab	2.28.22
CFS 2	2'	<	~~2454980~~	(4:30) 2.28.22
	(3')	•	240	lab
CFS 3	2'		700	
	(3')	•	300	lab 2.28.—
SW 3			340	lab 2.27
CFS4				
CFS5 lab	4.2			
CFS6 lab	4.2			
CFS 7 lab	4.2			
CFS 8 lab	4.2			

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 #1b

Stockpile = Stockpile #1

HMSS

Sample Log

Date:

Project: Skelly - LH operating

Latitude: 32.824673 Longitude: -103.855036 Sampler:

Sample ID	Depth	PID/Odor	Chloride	GPS
CF SP4	12'	D 1	640	3122
in situ	13'	D	640	
	14'	D	3340 lab delineation sample for CF SP4 = SP4-14'	
CF SS	5'	D TPH	2000	
in situ	6'	D TPH	2000	
in situ	7'	D TPH	1760	
in situ	8'	D PH	1696	
in situ	9'	D	1106	
in situ	10'	D	960	
in situ	11'	D	800	
in s	12'	D	560 lab	deliniated lab sample = SP4-12
in sit	13'	D	680	
in si	14'	D	640	
in	15'	D	600	
in situ	16'	D	440 lab:	deliniated for CF.
SW1			Excavated	12822 F.C
SW2			Excated	12822 F.C
SW3			Excavate	12822 F.C
SW4			Excluded	12822 F.C
FL1	4'		- Bottom taken 4'	SW
FL2	4'		lab 3.16.22	
FL3	4"		lab 31622	
FL4	4'		lab 31622	
FL5	4'		lab 31622	
FL6	4'		lab 31622	
FL7	4'		lab 31622	
FL8	4'		lab 31622	
FL9	4'		lab 31622	
FL10	4'		lab 31622	
	4'		lab 31622	

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

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

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

Hungry Horse, LLC

Sample Log

Date: 2-25-22

Project: PLU South Frac Pond

Latitude: 32.12345 Longitude: -103.91211 Sampler:

Sample ID	Depth	PID/Odor	Chloride	GPS
Hz 1-4	Surf	ND		
Hz2-	1'	ND		
Hz 3-	Surf	ND		
Hz 3	1'	ND		
Hz4	Surf	ND		
Hz4	1'	ND		
Hz5	Surf	ND		
	1'			
Hz6	Surf	ND		
Hz6	1'	ND		

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

HMSS

Sample Log

Date:

Project: Skelly - LH operating

Latitude: 32.824673 Longitude: -103.855036 Sampler:

Sample ID	Depth	PID/Odor	Chloride	GPS
HZ5	surf		<100 22822	
	1'		<100 22822	
HZ6	surf		<100 22822	
	1'		<100 22822	
HZ7	surf		<100 22822	
	1'		<100 22822	
HZ8	surf		<100 22822	
	1'		<100 22822	
HZ9	surf		<100 22822	
	1'		<100 22822	
HZ10	surf		<100 22822	
	1'		<100 22822	
CF S1	3'			
	4'			
	5'		504: delineated for EC.	
CF S2	3'			
	4'			
	5'			
	6'		lab 480: delianaleel for EC:	
CF S3 insi	5'	TPH	1100	
ins	6'	TPH	1100	
in	7'		880	
ins.	8'		604	
	9'		540 lab: delineation for EF	
CF S4	5'	D TPH	2200	3.1.22
insitu	6	D TPH	2200	
insity	7	D TPH	1400	
CF S5 insi	8'	D	1144	
insi	9'	D	880	
	10	D	660	
	11'	D	540 delineation Sample: SP4 for CF: = SP4-11'	

Sample Point = SP1 @ ## etc

Floor = FL1 etc

Sidewall = SW1 etc

Horizontal = HZ1 etc

Refusal = SP1 @ 4'-R

GPS Sample Points, Center of Comp Areas

Test Trench = TT1 @ ##

Resamples= SP1b @ 5' or SW #1b

Stockpile = Stockpile #1

Attachment IV
Laboratory Analytical Reports

Analytical Report
Lab Order **2202A48**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: SP1-Surf
Project: Skelly TB
Collection Date: 2/21/2022
Lab ID: 2202A48-001 **Matrix:** SOIL **Received Date:** 2/23/2022 7:45:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	16000	420		mg/Kg	50	3/1/2022 6:50:45 AM
Motor Oil Range Organics (MRO)	7500	2100		mg/Kg	50	3/1/2022 6:50:45 AM
Surr: DNOP	0	51.1-141	S	%Rec	50	3/1/2022 6:50:45 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	72	25		mg/Kg	5	2/25/2022 8:15:00 AM
Surr: BFB	208	70-130	S	%Rec	5	2/25/2022 8:15:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.12		mg/Kg	5	2/25/2022 8:15:00 AM
Toluene	ND	0.25		mg/Kg	5	2/25/2022 8:15:00 AM
Ethylbenzene	0.86	0.25		mg/Kg	5	2/25/2022 8:15:00 AM
Xylenes, Total	2.1	0.50		mg/Kg	5	2/25/2022 8:15:00 AM
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	5	2/25/2022 8:15:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	21000	1500		mg/Kg	500	3/2/2022 11:22:07 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2202A48**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: SP1-1'
Project: Skelly TB
Collection Date: 2/21/2022
Lab ID: 2202A48-002 **Matrix:** SOIL **Received Date:** 2/23/2022 7:45:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	430	86		mg/Kg	10	3/1/2022 8:46:05 PM
Motor Oil Range Organics (MRO)	650	430		mg/Kg	10	3/1/2022 8:46:05 PM
Surr: DNOP	0	51.1-141	S	%Rec	10	3/1/2022 8:46:05 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/25/2022 8:35:00 AM
Surr: BFB	106	70-130		%Rec	1	2/25/2022 8:35:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	2/25/2022 8:35:00 AM
Toluene	ND	0.049		mg/Kg	1	2/25/2022 8:35:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	2/25/2022 8:35:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	2/25/2022 8:35:00 AM
Surr: 4-Bromofluorobenzene	89.5	70-130		%Rec	1	2/25/2022 8:35:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	150	60		mg/Kg	20	3/2/2022 1:04:25 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2202A48**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: SP2-Surf
Project: Skelly TB
Collection Date: 2/21/2022
Lab ID: 2202A48-003 **Matrix:** SOIL **Received Date:** 2/23/2022 7:45:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	25000	480		mg/Kg	50	3/1/2022 7:12:03 AM
Motor Oil Range Organics (MRO)	14000	2400		mg/Kg	50	3/1/2022 7:12:03 AM
Surr: DNOP	0	51.1-141	S	%Rec	50	3/1/2022 7:12:03 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	130	24		mg/Kg	5	2/25/2022 8:55:00 AM
Surr: BFB	244	70-130	S	%Rec	5	2/25/2022 8:55:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.12		mg/Kg	5	2/25/2022 8:55:00 AM
Toluene	1.7	0.24		mg/Kg	5	2/25/2022 8:55:00 AM
Ethylbenzene	4.5	0.24		mg/Kg	5	2/25/2022 8:55:00 AM
Xylenes, Total	8.3	0.49		mg/Kg	5	2/25/2022 8:55:00 AM
Surr: 4-Bromofluorobenzene	119	70-130		%Rec	5	2/25/2022 8:55:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	6100	300		mg/Kg	100	3/2/2022 11:34:31 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2202A48**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** SP2-1'
Project: Skelly TB **Collection Date:** 2/21/2022
Lab ID: 2202A48-004 **Matrix:** SOIL **Received Date:** 2/23/2022 7:45:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	1400	91		mg/Kg	10	3/2/2022 11:33:46 AM
Motor Oil Range Organics (MRO)	580	460		mg/Kg	10	3/2/2022 11:33:46 AM
Surr: DNOP	0	51.1-141	S	%Rec	10	3/2/2022 11:33:46 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/25/2022 9:14:00 AM
Surr: BFB	110	70-130		%Rec	1	2/25/2022 9:14:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	2/25/2022 9:14:00 AM
Toluene	ND	0.049		mg/Kg	1	2/25/2022 9:14:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	2/25/2022 9:14:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	2/25/2022 9:14:00 AM
Surr: 4-Bromofluorobenzene	92.8	70-130		%Rec	1	2/25/2022 9:14:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	3/2/2022 1:29:15 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2202A48**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: SP3-Surf
Project: Skelly TB
Collection Date: 2/21/2022
Lab ID: 2202A48-005 **Matrix:** SOIL **Received Date:** 2/23/2022 7:45:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	8.2		mg/Kg	1	3/1/2022 7:33:21 AM
Motor Oil Range Organics (MRO)	ND	41		mg/Kg	1	3/1/2022 7:33:21 AM
Surr: DNOP	185	51.1-141	S	%Rec	1	3/1/2022 7:33:21 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	70	5.0		mg/Kg	1	2/25/2022 9:34:00 AM
Surr: BFB	418	70-130	S	%Rec	1	2/25/2022 9:34:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	2/25/2022 9:34:00 AM
Toluene	0.18	0.050		mg/Kg	1	2/25/2022 9:34:00 AM
Ethylbenzene	1.1	0.050		mg/Kg	1	2/25/2022 9:34:00 AM
Xylenes, Total	2.4	0.099		mg/Kg	1	2/25/2022 9:34:00 AM
Surr: 4-Bromofluorobenzene	191	70-130	S	%Rec	1	2/25/2022 9:34:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	5000	150		mg/Kg	50	3/2/2022 12:11:45 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Estimated value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference

Analytical Report
Lab Order **2202A48**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: SP3-4'
Project: Skelly TB
Collection Date: 2/21/2022
Lab ID: 2202A48-006 **Matrix:** SOIL **Received Date:** 2/23/2022 7:45:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	2/25/2022 11:49:56 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	2/25/2022 11:49:56 PM
Surr: DNOP	99.1	51.1-141		%Rec	1	2/25/2022 11:49:56 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/25/2022 4:29:49 PM
Surr: BFB	111	70-130		%Rec	1	2/25/2022 4:29:49 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	2/25/2022 4:29:49 PM
Toluene	ND	0.049		mg/Kg	1	2/25/2022 4:29:49 PM
Ethylbenzene	ND	0.049		mg/Kg	1	2/25/2022 4:29:49 PM
Xylenes, Total	ND	0.098		mg/Kg	1	2/25/2022 4:29:49 PM
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	2/25/2022 4:29:49 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	850	60		mg/Kg	20	3/2/2022 1:54:04 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2202A48**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: SP4-Surf
Project: Skelly TB
Collection Date: 2/21/2022
Lab ID: 2202A48-007 **Matrix:** SOIL **Received Date:** 2/23/2022 7:45:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	13000	900		mg/Kg	100	2/26/2022 12:00:38 AM
Motor Oil Range Organics (MRO)	6100	4500		mg/Kg	100	2/26/2022 12:00:38 AM
Surr: DNOP	0	51.1-141	S	%Rec	100	2/26/2022 12:00:38 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	350	24		mg/Kg	5	2/25/2022 5:40:20 PM
Surr: BFB	540	70-130	S	%Rec	5	2/25/2022 5:40:20 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.12		mg/Kg	5	2/25/2022 5:40:20 PM
Toluene	3.2	0.24		mg/Kg	5	2/25/2022 5:40:20 PM
Ethylbenzene	8.7	0.24		mg/Kg	5	2/25/2022 5:40:20 PM
Xylenes, Total	17	0.48		mg/Kg	5	2/25/2022 5:40:20 PM
Surr: 4-Bromofluorobenzene	144	70-130	S	%Rec	5	2/25/2022 5:40:20 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	400	60		mg/Kg	20	3/2/2022 2:06:28 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2202A48**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: HZ1-Surf
Project: Skelly TB
Collection Date: 2/21/2022
Lab ID: 2202A48-008 **Matrix:** SOIL **Received Date:** 2/23/2022 7:45:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	430	98		mg/Kg	10	2/26/2022 12:32:41 AM
Motor Oil Range Organics (MRO)	530	490		mg/Kg	10	2/26/2022 12:32:41 AM
Surr: DNOP	0	51.1-141	S	%Rec	10	2/26/2022 12:32:41 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	2/25/2022 7:15:20 PM
Surr: BFB	110	70-130		%Rec	1	2/25/2022 7:15:20 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.023		mg/Kg	1	2/25/2022 7:15:20 PM
Toluene	ND	0.046		mg/Kg	1	2/25/2022 7:15:20 PM
Ethylbenzene	ND	0.046		mg/Kg	1	2/25/2022 7:15:20 PM
Xylenes, Total	ND	0.092		mg/Kg	1	2/25/2022 7:15:20 PM
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	2/25/2022 7:15:20 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	120	60		mg/Kg	20	3/2/2022 2:18:52 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2202A48**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: HZ1-1'
Project: Skelly TB
Collection Date: 2/21/2022
Lab ID: 2202A48-009 **Matrix:** SOIL **Received Date:** 2/23/2022 7:45:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	19	9.7		mg/Kg	1	2/26/2022 12:43:21 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	2/26/2022 12:43:21 AM
Surr: DNOP	133	51.1-141		%Rec	1	2/26/2022 12:43:21 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	2/25/2022 7:38:58 PM
Surr: BFB	110	70-130		%Rec	1	2/25/2022 7:38:58 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.023		mg/Kg	1	2/25/2022 7:38:58 PM
Toluene	ND	0.046		mg/Kg	1	2/25/2022 7:38:58 PM
Ethylbenzene	ND	0.046		mg/Kg	1	2/25/2022 7:38:58 PM
Xylenes, Total	ND	0.091		mg/Kg	1	2/25/2022 7:38:58 PM
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	2/25/2022 7:38:58 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	59		mg/Kg	20	3/2/2022 2:56:05 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2202A48**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: SP5-Surf
Project: Skelly TB
Collection Date: 2/21/2022
Lab ID: 2202A48-010 **Matrix:** SOIL **Received Date:** 2/23/2022 7:45:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	12000	430		mg/Kg	50	2/26/2022 12:53:59 AM
Motor Oil Range Organics (MRO)	4300	2100		mg/Kg	50	2/26/2022 12:53:59 AM
Surr: DNOP	0	51.1-141	S	%Rec	50	2/26/2022 12:53:59 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	660	23		mg/Kg	5	2/25/2022 8:02:36 PM
Surr: BFB	864	70-130	S	%Rec	5	2/25/2022 8:02:36 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.12		mg/Kg	5	2/25/2022 8:02:36 PM
Toluene	6.9	0.23		mg/Kg	5	2/25/2022 8:02:36 PM
Ethylbenzene	27	2.3		mg/Kg	50	2/28/2022 10:26:16 AM
Xylenes, Total	50	0.46		mg/Kg	5	2/25/2022 8:02:36 PM
Surr: 4-Bromofluorobenzene	215	70-130	S	%Rec	5	2/25/2022 8:02:36 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	1500	60		mg/Kg	20	3/2/2022 3:08:30 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** SP4-4' R
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-001 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	3/8/2022 4:14:55 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/8/2022 4:14:55 PM
Surr: DNOP	76.5	51.1-141		%Rec	1	3/8/2022 4:14:55 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/8/2022 7:17:00 PM
Surr: BFB	99.4	70-130		%Rec	1	3/8/2022 7:17:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/8/2022 7:17:00 PM
Toluene	ND	0.049		mg/Kg	1	3/8/2022 7:17:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	3/8/2022 7:17:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	3/8/2022 7:17:00 PM
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	3/8/2022 7:17:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	2200	59		mg/Kg	20	3/10/2022 6:06:15 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** SP5-4 R
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-002 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	99	9.3		mg/Kg	1	3/8/2022 5:20:05 PM
Motor Oil Range Organics (MRO)	140	46		mg/Kg	1	3/8/2022 5:20:05 PM
Surr: DNOP	101	51.1-141		%Rec	1	3/8/2022 5:20:05 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/8/2022 9:35:00 PM
Surr: BFB	97.6	70-130		%Rec	1	3/8/2022 9:35:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/8/2022 9:35:00 PM
Toluene	ND	0.049		mg/Kg	1	3/8/2022 9:35:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	3/8/2022 9:35:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	3/8/2022 9:35:00 PM
Surr: 4-Bromofluorobenzene	84.0	70-130		%Rec	1	3/8/2022 9:35:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **LRN**
Chloride	2600	150		mg/Kg	50	3/11/2022 1:36:44 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: HZ2 - Surf
Project: Skelly
Collection Date: 2/28/2022
Lab ID: 2203293-003 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	98	7.5		mg/Kg	1	3/8/2022 4:25:50 PM
Motor Oil Range Organics (MRO)	71	38		mg/Kg	1	3/8/2022 4:25:50 PM
Surr: DNOP	83.7	51.1-141		%Rec	1	3/8/2022 4:25:50 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/8/2022 10:34:00 PM
Surr: BFB	96.0	70-130		%Rec	1	3/8/2022 10:34:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	3/8/2022 10:34:00 PM
Toluene	ND	0.049		mg/Kg	1	3/8/2022 10:34:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	3/8/2022 10:34:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	3/8/2022 10:34:00 PM
Surr: 4-Bromofluorobenzene	81.3	70-130		%Rec	1	3/8/2022 10:34:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **LRN**
Chloride	2500	150		mg/Kg	50	3/11/2022 1:49:06 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** HZ2 - 1'
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-004 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	57	8.5		mg/Kg	1	3/8/2022 4:36:43 PM
Motor Oil Range Organics (MRO)	55	43		mg/Kg	1	3/8/2022 4:36:43 PM
Surr: DNOP	104	51.1-141		%Rec	1	3/8/2022 4:36:43 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/8/2022 11:33:00 PM
Surr: BFB	95.0	70-130		%Rec	1	3/8/2022 11:33:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	3/8/2022 11:33:00 PM
Toluene	ND	0.047		mg/Kg	1	3/8/2022 11:33:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	3/8/2022 11:33:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	3/8/2022 11:33:00 PM
Surr: 4-Bromofluorobenzene	81.2	70-130		%Rec	1	3/8/2022 11:33:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	1500	60		mg/Kg	20	3/10/2022 6:43:28 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: HZ3 - Surf
Project: Skelly
Collection Date: 2/28/2022
Lab ID: 2203293-005 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	10	9.7		mg/Kg	1	3/8/2022 4:47:35 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/8/2022 4:47:35 PM
Surr: DNOP	109	51.1-141		%Rec	1	3/8/2022 4:47:35 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/8/2022 11:52:00 PM
Surr: BFB	104	70-130		%Rec	1	3/8/2022 11:52:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/8/2022 11:52:00 PM
Toluene	ND	0.049		mg/Kg	1	3/8/2022 11:52:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	3/8/2022 11:52:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	3/8/2022 11:52:00 PM
Surr: 4-Bromofluorobenzene	83.1	70-130		%Rec	1	3/8/2022 11:52:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	3/10/2022 6:55:52 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** HZ3 - 1'
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-006 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	35	9.1		mg/Kg	1	3/8/2022 4:58:28 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/8/2022 4:58:28 PM
Surr: DNOP	94.4	51.1-141		%Rec	1	3/8/2022 4:58:28 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/9/2022 12:12:00 AM
Surr: BFB	97.7	70-130		%Rec	1	3/9/2022 12:12:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	3/9/2022 12:12:00 AM
Toluene	ND	0.047		mg/Kg	1	3/9/2022 12:12:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	3/9/2022 12:12:00 AM
Xylenes, Total	ND	0.094		mg/Kg	1	3/9/2022 12:12:00 AM
Surr: 4-Bromofluorobenzene	82.0	70-130		%Rec	1	3/9/2022 12:12:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	2200	60		mg/Kg	20	3/10/2022 7:08:16 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: HZ4 - Surf
Project: Skelly
Collection Date: 2/28/2022
Lab ID: 2203293-007 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	32	9.1		mg/Kg	1	3/8/2022 5:09:18 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	3/8/2022 5:09:18 PM
Surr: DNOP	99.4	51.1-141		%Rec	1	3/8/2022 5:09:18 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/9/2022 12:31:00 AM
Surr: BFB	97.8	70-130		%Rec	1	3/9/2022 12:31:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.023		mg/Kg	1	3/9/2022 12:31:00 AM
Toluene	ND	0.047		mg/Kg	1	3/9/2022 12:31:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	3/9/2022 12:31:00 AM
Xylenes, Total	ND	0.093		mg/Kg	1	3/9/2022 12:31:00 AM
Surr: 4-Bromofluorobenzene	85.4	70-130		%Rec	1	3/9/2022 12:31:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	88	60		mg/Kg	20	3/10/2022 7:20:40 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** HZ4 - 1'
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-008 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	3/9/2022 2:21:18 PM
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	3/9/2022 2:21:18 PM
Surr: DNOP	100	51.1-141		%Rec	1	3/9/2022 2:21:18 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/9/2022 12:51:00 AM
Surr: BFB	98.2	70-130		%Rec	1	3/9/2022 12:51:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.023		mg/Kg	1	3/9/2022 12:51:00 AM
Toluene	ND	0.046		mg/Kg	1	3/9/2022 12:51:00 AM
Ethylbenzene	ND	0.046		mg/Kg	1	3/9/2022 12:51:00 AM
Xylenes, Total	ND	0.092		mg/Kg	1	3/9/2022 12:51:00 AM
Surr: 4-Bromofluorobenzene	84.6	70-130		%Rec	1	3/9/2022 12:51:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	3/10/2022 7:57:54 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: HZ5 - Surf
Project: Skelly
Collection Date: 2/28/2022
Lab ID: 2203293-009 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/9/2022 2:32:00 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/9/2022 2:32:00 PM
Surr: DNOP	99.7	51.1-141		%Rec	1	3/9/2022 2:32:00 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2022 1:11:00 AM
Surr: BFB	98.9	70-130		%Rec	1	3/9/2022 1:11:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 1:11:00 AM
Toluene	ND	0.049		mg/Kg	1	3/9/2022 1:11:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2022 1:11:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	3/9/2022 1:11:00 AM
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	3/9/2022 1:11:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	3/10/2022 8:10:18 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** HZ5 - 1'
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-010 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/9/2022 2:42:43 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/9/2022 2:42:43 PM
Surr: DNOP	97.2	51.1-141		%Rec	1	3/9/2022 2:42:43 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2022 1:30:00 AM
Surr: BFB	105	70-130		%Rec	1	3/9/2022 1:30:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 1:30:00 AM
Toluene	ND	0.049		mg/Kg	1	3/9/2022 1:30:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2022 1:30:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	3/9/2022 1:30:00 AM
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	1	3/9/2022 1:30:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	3/10/2022 8:22:43 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: HZ6 - Surf
Project: Skelly
Collection Date: 2/28/2022
Lab ID: 2203293-011 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/9/2022 2:53:25 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/9/2022 2:53:25 PM
Surr: DNOP	97.6	51.1-141		%Rec	1	3/9/2022 2:53:25 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2022 1:49:00 AM
Surr: BFB	101	70-130		%Rec	1	3/9/2022 1:49:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 1:49:00 AM
Toluene	ND	0.049		mg/Kg	1	3/9/2022 1:49:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2022 1:49:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	3/9/2022 1:49:00 AM
Surr: 4-Bromofluorobenzene	84.6	70-130		%Rec	1	3/9/2022 1:49:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	3/10/2022 8:35:07 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** HZ6 - 1'
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-012 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/9/2022 3:04:08 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/9/2022 3:04:08 PM
Surr: DNOP	101	51.1-141		%Rec	1	3/9/2022 3:04:08 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 2:48:00 AM
Surr: BFB	98.2	70-130		%Rec	1	3/9/2022 2:48:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 2:48:00 AM
Toluene	ND	0.050		mg/Kg	1	3/9/2022 2:48:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 2:48:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	3/9/2022 2:48:00 AM
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	1	3/9/2022 2:48:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	3/10/2022 8:47:31 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** HZ7 - Surf
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-013 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	64	9.8		mg/Kg	1	3/9/2022 3:14:53 PM
Motor Oil Range Organics (MRO)	55	49		mg/Kg	1	3/9/2022 3:14:53 PM
Surr: DNOP	99.4	51.1-141		%Rec	1	3/9/2022 3:14:53 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/9/2022 3:07:00 AM
Surr: BFB	93.7	70-130		%Rec	1	3/9/2022 3:07:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.023		mg/Kg	1	3/9/2022 3:07:00 AM
Toluene	ND	0.047		mg/Kg	1	3/9/2022 3:07:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	3/9/2022 3:07:00 AM
Xylenes, Total	ND	0.093		mg/Kg	1	3/9/2022 3:07:00 AM
Surr: 4-Bromofluorobenzene	81.0	70-130		%Rec	1	3/9/2022 3:07:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	1500	60		mg/Kg	20	3/10/2022 8:59:56 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** HZ7 - 1'
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-014 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	110	9.8		mg/Kg	1	3/9/2022 3:25:38 PM
Motor Oil Range Organics (MRO)	95	49		mg/Kg	1	3/9/2022 3:25:38 PM
Surr: DNOP	98.0	51.1-141		%Rec	1	3/9/2022 3:25:38 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 3:27:00 AM
Surr: BFB	91.6	70-130		%Rec	1	3/9/2022 3:27:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 3:27:00 AM
Toluene	ND	0.050		mg/Kg	1	3/9/2022 3:27:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 3:27:00 AM
Xylenes, Total	ND	0.10		mg/Kg	1	3/9/2022 3:27:00 AM
Surr: 4-Bromofluorobenzene	78.5	70-130		%Rec	1	3/9/2022 3:27:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	2300	60		mg/Kg	20	3/10/2022 9:12:21 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: HZ8 - Surf
Project: Skelly
Collection Date: 2/28/2022
Lab ID: 2203293-015 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	58	9.5		mg/Kg	1	3/9/2022 3:36:23 PM
Motor Oil Range Organics (MRO)	54	47		mg/Kg	1	3/9/2022 3:36:23 PM
Surr: DNOP	97.5	51.1-141		%Rec	1	3/9/2022 3:36:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/9/2022 3:46:00 AM
Surr: BFB	94.3	70-130		%Rec	1	3/9/2022 3:46:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	3/9/2022 3:46:00 AM
Toluene	ND	0.048		mg/Kg	1	3/9/2022 3:46:00 AM
Ethylbenzene	ND	0.048		mg/Kg	1	3/9/2022 3:46:00 AM
Xylenes, Total	ND	0.095		mg/Kg	1	3/9/2022 3:46:00 AM
Surr: 4-Bromofluorobenzene	82.0	70-130		%Rec	1	3/9/2022 3:46:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	1600	60		mg/Kg	20	3/10/2022 9:24:45 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** HZ8 - 1'
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-016 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	35	8.6		mg/Kg	1	3/9/2022 3:47:07 PM
Motor Oil Range Organics (MRO)	43	43		mg/Kg	1	3/9/2022 3:47:07 PM
Surr: DNOP	105	51.1-141		%Rec	1	3/9/2022 3:47:07 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2022 4:06:00 AM
Surr: BFB	94.4	70-130		%Rec	1	3/9/2022 4:06:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	3/9/2022 4:06:00 AM
Toluene	ND	0.049		mg/Kg	1	3/9/2022 4:06:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2022 4:06:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	3/9/2022 4:06:00 AM
Surr: 4-Bromofluorobenzene	81.1	70-130		%Rec	1	3/9/2022 4:06:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **LRN**
Chloride	2300	150		mg/Kg	50	3/11/2022 2:01:27 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** SP4-4' R
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-001 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	3/8/2022 4:14:55 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/8/2022 4:14:55 PM
Surr: DNOP	76.5	51.1-141		%Rec	1	3/8/2022 4:14:55 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/8/2022 7:17:00 PM
Surr: BFB	99.4	70-130		%Rec	1	3/8/2022 7:17:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/8/2022 7:17:00 PM
Toluene	ND	0.049		mg/Kg	1	3/8/2022 7:17:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	3/8/2022 7:17:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	3/8/2022 7:17:00 PM
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	3/8/2022 7:17:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	2200	59		mg/Kg	20	3/10/2022 6:06:15 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: SP5-4 R
Project: Skelly
Collection Date: 2/28/2022
Lab ID: 2203293-002 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	99	9.3		mg/Kg	1	3/8/2022 5:20:05 PM
Motor Oil Range Organics (MRO)	140	46		mg/Kg	1	3/8/2022 5:20:05 PM
Surr: DNOP	101	51.1-141		%Rec	1	3/8/2022 5:20:05 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/8/2022 9:35:00 PM
Surr: BFB	97.6	70-130		%Rec	1	3/8/2022 9:35:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/8/2022 9:35:00 PM
Toluene	ND	0.049		mg/Kg	1	3/8/2022 9:35:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	3/8/2022 9:35:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	3/8/2022 9:35:00 PM
Surr: 4-Bromofluorobenzene	84.0	70-130		%Rec	1	3/8/2022 9:35:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **LRN**
Chloride	2600	150		mg/Kg	50	3/11/2022 1:36:44 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: HZ2 - Surf
Project: Skelly
Collection Date: 2/28/2022
Lab ID: 2203293-003 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	98	7.5		mg/Kg	1	3/8/2022 4:25:50 PM
Motor Oil Range Organics (MRO)	71	38		mg/Kg	1	3/8/2022 4:25:50 PM
Surr: DNOP	83.7	51.1-141		%Rec	1	3/8/2022 4:25:50 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/8/2022 10:34:00 PM
Surr: BFB	96.0	70-130		%Rec	1	3/8/2022 10:34:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	3/8/2022 10:34:00 PM
Toluene	ND	0.049		mg/Kg	1	3/8/2022 10:34:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	3/8/2022 10:34:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	3/8/2022 10:34:00 PM
Surr: 4-Bromofluorobenzene	81.3	70-130		%Rec	1	3/8/2022 10:34:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **LRN**
Chloride	2500	150		mg/Kg	50	3/11/2022 1:49:06 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** HZ2 - 1'
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-004 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	57	8.5		mg/Kg	1	3/8/2022 4:36:43 PM
Motor Oil Range Organics (MRO)	55	43		mg/Kg	1	3/8/2022 4:36:43 PM
Surr: DNOP	104	51.1-141		%Rec	1	3/8/2022 4:36:43 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/8/2022 11:33:00 PM
Surr: BFB	95.0	70-130		%Rec	1	3/8/2022 11:33:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	3/8/2022 11:33:00 PM
Toluene	ND	0.047		mg/Kg	1	3/8/2022 11:33:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	3/8/2022 11:33:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	3/8/2022 11:33:00 PM
Surr: 4-Bromofluorobenzene	81.2	70-130		%Rec	1	3/8/2022 11:33:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	1500	60		mg/Kg	20	3/10/2022 6:43:28 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: HZ3 - Surf
Project: Skelly
Collection Date: 2/28/2022
Lab ID: 2203293-005 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	10	9.7		mg/Kg	1	3/8/2022 4:47:35 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/8/2022 4:47:35 PM
Surr: DNOP	109	51.1-141		%Rec	1	3/8/2022 4:47:35 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/8/2022 11:52:00 PM
Surr: BFB	104	70-130		%Rec	1	3/8/2022 11:52:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/8/2022 11:52:00 PM
Toluene	ND	0.049		mg/Kg	1	3/8/2022 11:52:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	3/8/2022 11:52:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	3/8/2022 11:52:00 PM
Surr: 4-Bromofluorobenzene	83.1	70-130		%Rec	1	3/8/2022 11:52:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	3/10/2022 6:55:52 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** HZ3 - 1'
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-006 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	35	9.1		mg/Kg	1	3/8/2022 4:58:28 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/8/2022 4:58:28 PM
Surr: DNOP	94.4	51.1-141		%Rec	1	3/8/2022 4:58:28 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/9/2022 12:12:00 AM
Surr: BFB	97.7	70-130		%Rec	1	3/9/2022 12:12:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	3/9/2022 12:12:00 AM
Toluene	ND	0.047		mg/Kg	1	3/9/2022 12:12:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	3/9/2022 12:12:00 AM
Xylenes, Total	ND	0.094		mg/Kg	1	3/9/2022 12:12:00 AM
Surr: 4-Bromofluorobenzene	82.0	70-130		%Rec	1	3/9/2022 12:12:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	2200	60		mg/Kg	20	3/10/2022 7:08:16 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: HZ4 - Surf
Project: Skelly
Collection Date: 2/28/2022
Lab ID: 2203293-007 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	32	9.1		mg/Kg	1	3/8/2022 5:09:18 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	3/8/2022 5:09:18 PM
Surr: DNOP	99.4	51.1-141		%Rec	1	3/8/2022 5:09:18 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/9/2022 12:31:00 AM
Surr: BFB	97.8	70-130		%Rec	1	3/9/2022 12:31:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.023		mg/Kg	1	3/9/2022 12:31:00 AM
Toluene	ND	0.047		mg/Kg	1	3/9/2022 12:31:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	3/9/2022 12:31:00 AM
Xylenes, Total	ND	0.093		mg/Kg	1	3/9/2022 12:31:00 AM
Surr: 4-Bromofluorobenzene	85.4	70-130		%Rec	1	3/9/2022 12:31:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	88	60		mg/Kg	20	3/10/2022 7:20:40 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** HZ4 - 1'
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-008 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	3/9/2022 2:21:18 PM
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	3/9/2022 2:21:18 PM
Surr: DNOP	100	51.1-141		%Rec	1	3/9/2022 2:21:18 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/9/2022 12:51:00 AM
Surr: BFB	98.2	70-130		%Rec	1	3/9/2022 12:51:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.023		mg/Kg	1	3/9/2022 12:51:00 AM
Toluene	ND	0.046		mg/Kg	1	3/9/2022 12:51:00 AM
Ethylbenzene	ND	0.046		mg/Kg	1	3/9/2022 12:51:00 AM
Xylenes, Total	ND	0.092		mg/Kg	1	3/9/2022 12:51:00 AM
Surr: 4-Bromofluorobenzene	84.6	70-130		%Rec	1	3/9/2022 12:51:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	3/10/2022 7:57:54 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: HZ5 - Surf
Project: Skelly
Collection Date: 2/28/2022
Lab ID: 2203293-009 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/9/2022 2:32:00 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/9/2022 2:32:00 PM
Surr: DNOP	99.7	51.1-141		%Rec	1	3/9/2022 2:32:00 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2022 1:11:00 AM
Surr: BFB	98.9	70-130		%Rec	1	3/9/2022 1:11:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 1:11:00 AM
Toluene	ND	0.049		mg/Kg	1	3/9/2022 1:11:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2022 1:11:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	3/9/2022 1:11:00 AM
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	3/9/2022 1:11:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	3/10/2022 8:10:18 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** HZ5 - 1'
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-010 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/9/2022 2:42:43 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/9/2022 2:42:43 PM
Surr: DNOP	97.2	51.1-141		%Rec	1	3/9/2022 2:42:43 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2022 1:30:00 AM
Surr: BFB	105	70-130		%Rec	1	3/9/2022 1:30:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 1:30:00 AM
Toluene	ND	0.049		mg/Kg	1	3/9/2022 1:30:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2022 1:30:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	3/9/2022 1:30:00 AM
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	1	3/9/2022 1:30:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	3/10/2022 8:22:43 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: HZ6 - Surf
Project: Skelly
Collection Date: 2/28/2022
Lab ID: 2203293-011 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/9/2022 2:53:25 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/9/2022 2:53:25 PM
Surr: DNOP	97.6	51.1-141		%Rec	1	3/9/2022 2:53:25 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2022 1:49:00 AM
Surr: BFB	101	70-130		%Rec	1	3/9/2022 1:49:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 1:49:00 AM
Toluene	ND	0.049		mg/Kg	1	3/9/2022 1:49:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2022 1:49:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	3/9/2022 1:49:00 AM
Surr: 4-Bromofluorobenzene	84.6	70-130		%Rec	1	3/9/2022 1:49:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	3/10/2022 8:35:07 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** HZ6 - 1'
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-012 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/9/2022 3:04:08 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/9/2022 3:04:08 PM
Surr: DNOP	101	51.1-141		%Rec	1	3/9/2022 3:04:08 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 2:48:00 AM
Surr: BFB	98.2	70-130		%Rec	1	3/9/2022 2:48:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 2:48:00 AM
Toluene	ND	0.050		mg/Kg	1	3/9/2022 2:48:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 2:48:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	3/9/2022 2:48:00 AM
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	1	3/9/2022 2:48:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	ND	60		mg/Kg	20	3/10/2022 8:47:31 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** HZ7 - Surf
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-013 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	64	9.8		mg/Kg	1	3/9/2022 3:14:53 PM
Motor Oil Range Organics (MRO)	55	49		mg/Kg	1	3/9/2022 3:14:53 PM
Surr: DNOP	99.4	51.1-141		%Rec	1	3/9/2022 3:14:53 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/9/2022 3:07:00 AM
Surr: BFB	93.7	70-130		%Rec	1	3/9/2022 3:07:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.023		mg/Kg	1	3/9/2022 3:07:00 AM
Toluene	ND	0.047		mg/Kg	1	3/9/2022 3:07:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	3/9/2022 3:07:00 AM
Xylenes, Total	ND	0.093		mg/Kg	1	3/9/2022 3:07:00 AM
Surr: 4-Bromofluorobenzene	81.0	70-130		%Rec	1	3/9/2022 3:07:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	1500	60		mg/Kg	20	3/10/2022 8:59:56 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** HZ7 - 1'
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-014 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	110	9.8		mg/Kg	1	3/9/2022 3:25:38 PM
Motor Oil Range Organics (MRO)	95	49		mg/Kg	1	3/9/2022 3:25:38 PM
Surr: DNOP	98.0	51.1-141		%Rec	1	3/9/2022 3:25:38 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 3:27:00 AM
Surr: BFB	91.6	70-130		%Rec	1	3/9/2022 3:27:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 3:27:00 AM
Toluene	ND	0.050		mg/Kg	1	3/9/2022 3:27:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 3:27:00 AM
Xylenes, Total	ND	0.10		mg/Kg	1	3/9/2022 3:27:00 AM
Surr: 4-Bromofluorobenzene	78.5	70-130		%Rec	1	3/9/2022 3:27:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	2300	60		mg/Kg	20	3/10/2022 9:12:21 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC
Client Sample ID: HZ8 - Surf
Project: Skelly
Collection Date: 2/28/2022
Lab ID: 2203293-015 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	58	9.5		mg/Kg	1	3/9/2022 3:36:23 PM
Motor Oil Range Organics (MRO)	54	47		mg/Kg	1	3/9/2022 3:36:23 PM
Surr: DNOP	97.5	51.1-141		%Rec	1	3/9/2022 3:36:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/9/2022 3:46:00 AM
Surr: BFB	94.3	70-130		%Rec	1	3/9/2022 3:46:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	3/9/2022 3:46:00 AM
Toluene	ND	0.048		mg/Kg	1	3/9/2022 3:46:00 AM
Ethylbenzene	ND	0.048		mg/Kg	1	3/9/2022 3:46:00 AM
Xylenes, Total	ND	0.095		mg/Kg	1	3/9/2022 3:46:00 AM
Surr: 4-Bromofluorobenzene	82.0	70-130		%Rec	1	3/9/2022 3:46:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **JMT**
Chloride	1600	60		mg/Kg	20	3/10/2022 9:24:45 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203293**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** HZ8 - 1'
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203293-016 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	35	8.6		mg/Kg	1	3/9/2022 3:47:07 PM
Motor Oil Range Organics (MRO)	43	43		mg/Kg	1	3/9/2022 3:47:07 PM
Surr: DNOP	105	51.1-141		%Rec	1	3/9/2022 3:47:07 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2022 4:06:00 AM
Surr: BFB	94.4	70-130		%Rec	1	3/9/2022 4:06:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	3/9/2022 4:06:00 AM
Toluene	ND	0.049		mg/Kg	1	3/9/2022 4:06:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2022 4:06:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	3/9/2022 4:06:00 AM
Surr: 4-Bromofluorobenzene	81.1	70-130		%Rec	1	3/9/2022 4:06:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **LRN**
Chloride	2300	150		mg/Kg	50	3/11/2022 2:01:27 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203301**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** CFS1
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203301-001 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/9/2022 5:42:12 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/9/2022 5:42:12 AM
Surr: DNOP	56.4	51.1-141		%Rec	1	3/9/2022 5:42:12 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 11:32:00 AM
Surr: BFB	111	70-130		%Rec	1	3/9/2022 11:32:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 11:32:00 AM
Toluene	ND	0.050		mg/Kg	1	3/9/2022 11:32:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 11:32:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	3/9/2022 11:32:00 AM
Surr: 4-Bromofluorobenzene	93.0	70-130		%Rec	1	3/9/2022 11:32:00 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	3/10/2022 8:48:27 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203301**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** CFS2
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203301-002 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/9/2022 5:52:52 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/9/2022 5:52:52 AM
Surr: DNOP	54.4	51.1-141		%Rec	1	3/9/2022 5:52:52 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 12:32:00 PM
Surr: BFB	99.5	70-130		%Rec	1	3/9/2022 12:32:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 12:32:00 PM
Toluene	ND	0.050		mg/Kg	1	3/9/2022 12:32:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 12:32:00 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/9/2022 12:32:00 PM
Surr: 4-Bromofluorobenzene	87.2	70-130		%Rec	1	3/9/2022 12:32:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	3/10/2022 9:25:43 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203301**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** CFS3
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203301-003 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/9/2022 6:03:32 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/9/2022 6:03:32 AM
Surr: DNOP	55.6	51.1-141		%Rec	1	3/9/2022 6:03:32 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2022 12:51:00 PM
Surr: BFB	108	70-130		%Rec	1	3/9/2022 12:51:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	3/9/2022 12:51:00 PM
Toluene	ND	0.049		mg/Kg	1	3/9/2022 12:51:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2022 12:51:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	3/9/2022 12:51:00 PM
Surr: 4-Bromofluorobenzene	91.5	70-130		%Rec	1	3/9/2022 12:51:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	3/10/2022 9:38:08 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203301**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** CFS4
Project: Skelly **Collection Date:** 3/1/2022
Lab ID: 2203301-004 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	66	9.3		mg/Kg	1	3/9/2022 6:14:10 AM
Motor Oil Range Organics (MRO)	62	46		mg/Kg	1	3/9/2022 6:14:10 AM
Surr: DNOP	111	51.1-141		%Rec	1	3/9/2022 6:14:10 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 1:11:00 PM
Surr: BFB	100	70-130		%Rec	1	3/9/2022 1:11:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 1:11:00 PM
Toluene	ND	0.050		mg/Kg	1	3/9/2022 1:11:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 1:11:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	3/9/2022 1:11:00 PM
Surr: 4-Bromofluorobenzene	84.1	70-130		%Rec	1	3/9/2022 1:11:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	2000	60		mg/Kg	20	3/10/2022 9:50:32 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203301**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** CFS5
Project: Skelly **Collection Date:** 3/1/2022
Lab ID: 2203301-005 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	51	9.9		mg/Kg	1	3/9/2022 6:24:47 AM
Motor Oil Range Organics (MRO)	50	50		mg/Kg	1	3/9/2022 6:24:47 AM
Surr: DNOP	88.5	51.1-141		%Rec	1	3/9/2022 6:24:47 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2022 1:31:00 PM
Surr: BFB	103	70-130		%Rec	1	3/9/2022 1:31:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.024		mg/Kg	1	3/9/2022 1:31:00 PM
Toluene	ND	0.049		mg/Kg	1	3/9/2022 1:31:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2022 1:31:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	3/9/2022 1:31:00 PM
Surr: 4-Bromofluorobenzene	87.7	70-130		%Rec	1	3/9/2022 1:31:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	2200	60		mg/Kg	20	3/10/2022 10:02:57 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203301**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** SW1
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203301-006 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	3/9/2022 6:35:21 AM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	3/9/2022 6:35:21 AM
Surr: DNOP	72.2	51.1-141		%Rec	1	3/9/2022 6:35:21 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2022 1:51:00 PM
Surr: BFB	104	70-130		%Rec	1	3/9/2022 1:51:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 1:51:00 PM
Toluene	ND	0.049		mg/Kg	1	3/9/2022 1:51:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2022 1:51:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	3/9/2022 1:51:00 PM
Surr: 4-Bromofluorobenzene	89.3	70-130		%Rec	1	3/9/2022 1:51:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	3/10/2022 10:15:22 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203301**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** SW2
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203301-007 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/9/2022 6:45:53 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/9/2022 6:45:53 AM
Surr: DNOP	67.3	51.1-141		%Rec	1	3/9/2022 6:45:53 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 2:11:00 PM
Surr: BFB	101	70-130		%Rec	1	3/9/2022 2:11:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 2:11:00 PM
Toluene	ND	0.050		mg/Kg	1	3/9/2022 2:11:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 2:11:00 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/9/2022 2:11:00 PM
Surr: 4-Bromofluorobenzene	88.5	70-130		%Rec	1	3/9/2022 2:11:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	3/10/2022 10:27:47 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2203301**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** SW3
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203301-008 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/9/2022 6:56:24 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/9/2022 6:56:24 AM
Surr: DNOP	71.8	51.1-141		%Rec	1	3/9/2022 6:56:24 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/9/2022 2:31:00 PM
Surr: BFB	105	70-130		%Rec	1	3/9/2022 2:31:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 2:31:00 PM
Toluene	ND	0.050		mg/Kg	1	3/9/2022 2:31:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	3/9/2022 2:31:00 PM
Xylenes, Total	ND	0.10		mg/Kg	1	3/9/2022 2:31:00 PM
Surr: 4-Bromofluorobenzene	85.7	70-130		%Rec	1	3/9/2022 2:31:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	3/10/2022 11:05:01 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2203301**
Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: LH Operating, LLC **Client Sample ID:** SW4
Project: Skelly **Collection Date:** 2/28/2022
Lab ID: 2203301-009 **Matrix:** SOIL **Received Date:** 3/4/2022 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **SB**
Diesel Range Organics (DRO)	93	9.5		mg/Kg	1	3/9/2022 7:06:54 AM
Motor Oil Range Organics (MRO)	80	47		mg/Kg	1	3/9/2022 7:06:54 AM
Surr: DNOP	135	51.1-141		%Rec	1	3/9/2022 7:06:54 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/9/2022 2:50:00 PM
Surr: BFB	106	70-130		%Rec	1	3/9/2022 2:50:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**
Benzene	ND	0.025		mg/Kg	1	3/9/2022 2:50:00 PM
Toluene	ND	0.049		mg/Kg	1	3/9/2022 2:50:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	3/9/2022 2:50:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	3/9/2022 2:50:00 PM
Surr: 4-Bromofluorobenzene	87.3	70-130		%Rec	1	3/9/2022 2:50:00 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	2300	60	E	mg/Kg	20	3/10/2022 11:17:26 PM

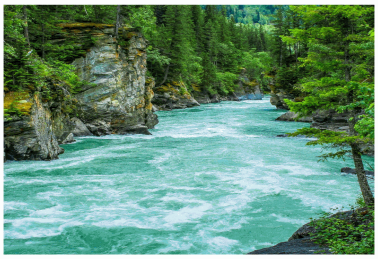
Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

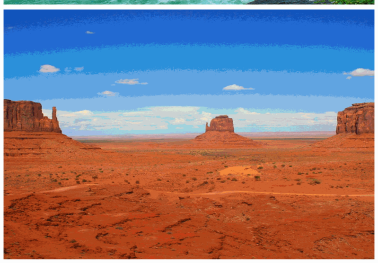
Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Report to:

Lindsey Nevels





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Practical Solutions for a Better Tomorrow

Analytical Report

LH Operating

Project Name: Skelly

Work Order: E203138

Job Number: 22010-0001

Received: 3/22/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/30/22

Date Reported: 3/30/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly
Workorder: E203138
Date Received: 3/22/2022 10:30:00AM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/22/2022 10:30:00AM, under the Project Name: Skelly.

The analytical test results summarized in this report with the Project Name: Skelly 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Technical Representative
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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	03/30/22 14:10

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
HZ 1A Surf	E203138-01A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
HZ 1A 1'	E203138-02A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
HZ 2A Surf	E203138-03A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
HZ 2A 1'	E203138-04A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
HZ 3A Surf	E203138-05A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
HZ 3A 1'	E203138-06A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
HZ 7A Surf	E203138-07A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
HZ 7A 1'	E203138-08A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
HZ 8A Surf	E203138-09A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
HZ 8A 1'	E203138-10A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:10:27PM

HZ 1A Surf

E203138-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.5 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.5 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/25/22	
Surrogate: n-Nonane		*86.0 %*	*50-200*	*03/24/22*	*03/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	ND	20.0	1	03/24/22	03/24/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:10:27PM

HZ 1A 1'

E203138-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.2 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.2 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/25/22	
Surrogate: n-Nonane		*82.5 %*	*50-200*	*03/24/22*	*03/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	ND	20.0	1	03/24/22	03/24/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:10:27PM

HZ 2A Surf

E203138-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/28/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/28/22	
Toluene	ND	0.0250	1	03/23/22	03/28/22	
o-Xylene	ND	0.0250	1	03/23/22	03/28/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/28/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/28/22	
Surrogate: Bromofluorobenzene		*93.4 %*	*70-130*	*03/23/22*	*03/28/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*03/23/22*	*03/28/22*	
Surrogate: Toluene-d8		*99.1 %*	*70-130*	*03/23/22*	*03/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/28/22	
Surrogate: Bromofluorobenzene		*93.4 %*	*70-130*	*03/23/22*	*03/28/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*03/23/22*	*03/28/22*	
Surrogate: Toluene-d8		*99.1 %*	*70-130*	*03/23/22*	*03/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/25/22	
Surrogate: n-Nonane		*77.3 %*	*50-200*	*03/24/22*	*03/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	ND	20.0	1	03/24/22	03/24/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:10:27PM

HZ 2A 1'

E203138-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.5 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*99.2 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.5 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*99.2 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/25/22	
Surrogate: n-Nonane		*77.9 %*	*50-200*	*03/24/22*	*03/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	ND	20.0	1	03/24/22	03/24/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:10:27PM

HZ 3A Surf

E203138-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*99.1 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*99.1 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/25/22	
Surrogate: n-Nonane		*76.2 %*	*50-200*	*03/24/22*	*03/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	ND	20.0	1	03/24/22	03/24/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:10:27PM

HZ 3A 1'

E203138-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*94.4 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*94.4 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/25/22	
Surrogate: n-Nonane		*80.7 %*	*50-200*	*03/24/22*	*03/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	ND	20.0	1	03/24/22	03/24/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:10:27PM

HZ 7A Surf

E203138-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.7 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.7 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/25/22	
Surrogate: n-Nonane		*80.7 %*	*50-200*	*03/24/22*	*03/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	ND	20.0	1	03/24/22	03/24/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:10:27PM

HZ 7A 1'

E203138-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*91.9 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*91.9 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/25/22	
Surrogate: n-Nonane		*76.9 %*	*50-200*	*03/24/22*	*03/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	**21.0**	20.0	1	03/24/22	03/24/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:10:27PM

HZ 8A Surf

E203138-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*77.8 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	ND	20.0	1	03/24/22	03/24/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:10:27PM

HZ 8A 1'

E203138-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*91.1 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*91.1 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213043
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*83.6 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	ND	20.0	1	03/24/22	03/24/22	

QC Summary Data

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:10:27PM

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 (2213033-BLK1)									Prepared: 03/23/22 Analyzed: 03/28/22
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	*0.470*		*0.500*		*93.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: Toluene-d8	*0.494*		*0.500*		*98.7*	*70-130*			
LCS (2213033-BS1)									Prepared: 03/23/22 Analyzed: 03/28/22
Benzene	2.57	0.0250	2.50		103	70-130			
Ethylbenzene	2.62	0.0250	2.50		105	70-130			
Toluene	2.67	0.0250	2.50		107	70-130			
o-Xylene	2.55	0.0250	2.50		102	70-130			
p,m-Xylene	5.13	0.0500	5.00		103	70-130			
Total Xylenes	7.68	0.0250	7.50		102	70-130			
Surrogate: Bromofluorobenzene	*0.484*		*0.500*		*96.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.505*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.505*		*0.500*		*101*	*70-130*			
Matrix Spike (2213033-MS1)				**Source: E203138-03**					Prepared: 03/23/22 Analyzed: 03/29/22
Benzene	2.55	0.0250	2.50	ND	102	48-131			
Ethylbenzene	2.60	0.0250	2.50	ND	104	45-135			
Toluene	2.63	0.0250	2.50	ND	105	48-130			
o-Xylene	2.50	0.0250	2.50	ND	100	43-135			
p,m-Xylene	5.03	0.0500	5.00	ND	101	43-135			
Total Xylenes	7.54	0.0250	7.50	ND	100	43-135			
Surrogate: Bromofluorobenzene	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.509*		*0.500*		*102*	*70-130*			
Matrix Spike Dup (2213033-MSD1)				**Source: E203138-03**					Prepared: 03/23/22 Analyzed: 03/29/22
Benzene	2.51	0.0250	2.50	ND	100	48-131	1.50	23	
Ethylbenzene	2.51	0.0250	2.50	ND	101	45-135	3.23	27	
Toluene	2.52	0.0250	2.50	ND	101	48-130	4.35	24	
o-Xylene	2.45	0.0250	2.50	ND	98.1	43-135	2.10	27	
p,m-Xylene	4.89	0.0500	5.00	ND	97.9	43-135	2.80	27	
Total Xylenes	7.34	0.0250	7.50	ND	97.9	43-135	2.57	27	
Surrogate: Bromofluorobenzene	*0.483*		*0.500*		*96.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.506*		*0.500*		*101*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:10:27PM

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 (2213033-BLK1)									Prepared: 03/23/22 Analyzed: 03/28/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.470*		*0.500*		*93.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: Toluene-d8	*0.494*		*0.500*		*98.7*	*70-130*			
LCS (2213033-BS2)									Prepared: 03/23/22 Analyzed: 03/28/22
Gasoline Range Organics (C6-C10)	52.0	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	*0.465*		*0.500*		*93.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.505*		*0.500*		*101*	*70-130*			
Matrix Spike (2213033-MS2)				**Source: E203138-03**					Prepared: 03/23/22 Analyzed: 03/29/22
Gasoline Range Organics (C6-C10)	56.7	20.0	50.0	ND	113	70-130			
Surrogate: Bromofluorobenzene	*0.477*		*0.500*		*95.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.499*		*0.500*		*99.7*	*70-130*			
Surrogate: Toluene-d8	*0.518*		*0.500*		*104*	*70-130*			
Matrix Spike Dup (2213033-MSD2)				**Source: E203138-03**					Prepared: 03/23/22 Analyzed: 03/29/22
Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130	11.9	20	
Surrogate: Bromofluorobenzene	*0.466*		*0.500*		*93.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: Toluene-d8	*0.517*		*0.500*		*103*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:10:27PM

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 (2213043-BLK1)									Prepared: 03/24/22 Analyzed: 03/24/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*40.2*		*50.0*		*80.4*	*50-200*			
LCS (2213043-BS1)									Prepared: 03/24/22 Analyzed: 03/24/22
Diesel Range Organics (C10-C28)	476	25.0	500		95.1	38-132			
Surrogate: n-Nonane	*37.5*		*50.0*		*75.1*	*50-200*			
Matrix Spike (2213043-MS1)				**Source: E203146-02**					Prepared: 03/24/22 Analyzed: 03/24/22
Diesel Range Organics (C10-C28)	486	25.0	500	ND	97.1	38-132			
Surrogate: n-Nonane	*38.5*		*50.0*		*76.9*	*50-200*			
Matrix Spike Dup (2213043-MSD1)				**Source: E203146-02**					Prepared: 03/24/22 Analyzed: 03/24/22
Diesel Range Organics (C10-C28)	484	25.0	500	ND	96.9	38-132	0.278	20	
Surrogate: n-Nonane	*37.8*		*50.0*		*75.6*	*50-200*			

QC Summary Data

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:10:27PM

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 (2213046-BLK1)									Prepared: 03/24/22 Analyzed: 03/24/22
Chloride	ND	20.0							
LCS (2213046-BS1)									Prepared: 03/24/22 Analyzed: 03/24/22
Chloride	246	20.0	250		98.5	90-110			
Matrix Spike (2213046-MS1)				**Source: E203138-01**					Prepared: 03/24/22 Analyzed: 03/24/22
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2213046-MSD1)				**Source: E203138-01**					Prepared: 03/24/22 Analyzed: 03/24/22
Chloride	256	20.0	250	ND	102	80-120	0.485	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	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	03/30/22 14:10

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
Project Manager:	Lindsey Nevels
Address:	1909 E I-20
City, State, Zip:	Midland, Tx 79701, NM, 88260
Phone:	432 241-2480
Email:	lnevels@hazmatspecialservices.com
Report due by:	

Bill To

Attention:	HMSS
Address:	1909 E 1-20
City, State, Zip:	Midland Tx 79701
Phone:	432 241--2480
Email:	lnevels@hazmatspecialservices.com

Lab Use Only: Lab WO# PE203138 | Job Number 22010-0001

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

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

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	BGDOC NM	Remarks
	3/16/22		1	HZ 1A	Surf	1	X	
	3/16/22		1	HZ 1A	1'	2	X	
	3/16/22		1	HZ 2A	Surf	3	X	
	3/16/22		1	HZ 2A	1'	4	X	
	3/16/22		1	HZ 3A	Surf	5	X	
	3/16/22		1	HZ 3A	1'	6	X	
	3/16/22		1	HZ 7A	Surf	7	X	
	3/16/22		1	HZ 7A	1'	8	X	
	3/16/22		1	HZ 8A	Surf	9	X	
	3/16/22		1	HZ 8A	1'	10	X	

Additional Instructions:

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

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
	3-22-22			3.21.22	11:45
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3.21.22	5:30	Caitlin Christian	3/22/22	10:30
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: 3/24/2022 8:50:37AM

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:	03/22/22 10:30	Work Order ID:	E203138
Phone:	-	Date Logged In:	03/22/22 11:04	Logged In By:	Caitlin Christian
Email:	lnevels@hazmatspecialservices.com	Due Date:	03/28/22 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?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Sampled times and sample matrix not provided on COC.

Client Instruction

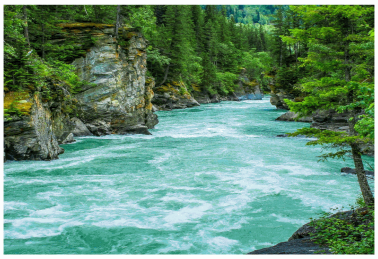
Signature of client authorizing changes to the COC or sample disposition.

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

Work Order: E203139

Job Number: 22010-0001

Received: 3/22/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/28/22

Date Reported: 3/28/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly
Workorder: E203139
Date Received: 3/22/2022 10:30:00AM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/22/2022 10:30:00AM, under the Project Name: Skelly.

The analytical test results summarized in this report with the Project Name: Skelly 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
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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	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	03/28/22 16:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CF S4 14'	E203139-01A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
CF S5 16'	E203139-02A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/28/2022 4:19:53PM

CF S4 14'

E203139-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2213027
Benzene	ND	0.0250	1	03/22/22	03/23/22	
Ethylbenzene	ND	0.0250	1	03/22/22	03/23/22	
Toluene	ND	0.0250	1	03/22/22	03/23/22	
o-Xylene	ND	0.0250	1	03/22/22	03/23/22	
p,m-Xylene	ND	0.0500	1	03/22/22	03/23/22	
Total Xylenes	ND	0.0250	1	03/22/22	03/23/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*03/22/22*	*03/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213027
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/22/22	03/23/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*03/22/22*	*03/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*74.8 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213035
Chloride	**33.4**	20.0	1	03/23/22	03/24/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/28/2022 4:19:53PM

CF S5 16'

E203139-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2213027
Benzene	ND	0.0250	1	03/22/22	03/23/22	
Ethylbenzene	ND	0.0250	1	03/22/22	03/23/22	
Toluene	ND	0.0250	1	03/22/22	03/23/22	
o-Xylene	ND	0.0250	1	03/22/22	03/23/22	
p,m-Xylene	ND	0.0500	1	03/22/22	03/23/22	
Total Xylenes	ND	0.0250	1	03/22/22	03/23/22	
Surrogate: 4-Bromochlorobenzene-PID		*92.9 %*	*70-130*	*03/22/22*	*03/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213027
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/22/22	03/23/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*03/22/22*	*03/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*76.0 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213035
Chloride	**25.3**	20.0	1	03/23/22	03/24/22	

QC Summary Data

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/28/2022 4:19:53PM

Volatile Organics by EPA 8021B

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 (2213027-BLK1)									Prepared: 03/22/22 Analyzed: 03/22/22
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	*7.49*		*8.00*		*93.6*	*70-130*			
LCS (2213027-BS1)									Prepared: 03/22/22 Analyzed: 03/22/22
Benzene	4.54	0.0250	5.00		90.8	70-130			
Ethylbenzene	4.69	0.0250	5.00		93.8	70-130			
Toluene	4.90	0.0250	5.00		98.1	70-130			
o-Xylene	4.65	0.0250	5.00		93.0	70-130			
p,m-Xylene	9.56	0.0500	10.0		95.6	70-130			
Total Xylenes	14.2	0.0250	15.0		94.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.58*		*8.00*		*94.7*	*70-130*			
LCS Dup (2213027-BSD1)									Prepared: 03/22/22 Analyzed: 03/22/22
Benzene	4.89	0.0250	5.00		97.7	70-130	7.34	20	
Ethylbenzene	5.05	0.0250	5.00		101	70-130	7.35	20	
Toluene	5.27	0.0250	5.00		105	70-130	7.17	20	
o-Xylene	5.01	0.0250	5.00		100	70-130	7.50	20	
p,m-Xylene	10.3	0.0500	10.0		103	70-130	7.19	20	
Total Xylenes	15.3	0.0250	15.0		102	70-130	7.29	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.58*		*8.00*		*94.7*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/28/2022 4:19:53PM

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 (2213027-BLK1)									Prepared: 03/22/22 Analyzed: 03/22/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*8.00*		*93.8*	*70-130*			
LCS (2213027-BS2)									Prepared: 03/22/22 Analyzed: 03/22/22
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.9*	*70-130*			
LCS Dup (2213027-BSD2)									Prepared: 03/22/22 Analyzed: 03/22/22
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0		92.9	70-130	1.90	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*8.00*		*93.8*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/28/2022 4:19:53PM

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 (2213042-BLK1)									Prepared: 03/24/22 Analyzed: 03/25/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*36.9*		*50.0*		*73.8*	*50-200*			
LCS (2213042-BS1)									Prepared: 03/24/22 Analyzed: 03/25/22
Diesel Range Organics (C10-C28)	434	25.0	500		86.9	38-132			
Surrogate: n-Nonane	*35.0*		*50.0*		*70.1*	*50-200*			
Matrix Spike (2213042-MS1)				**Source: E203140-05**					Prepared: 03/24/22 Analyzed: 03/25/22
Diesel Range Organics (C10-C28)	741	25.0	500	387	70.6	38-132			
Surrogate: n-Nonane	*34.4*		*50.0*		*68.9*	*50-200*			
Matrix Spike Dup (2213042-MSD1)				**Source: E203140-05**					Prepared: 03/24/22 Analyzed: 03/25/22
Diesel Range Organics (C10-C28)	765	25.0	500	387	75.5	38-132	3.25	20	
Surrogate: n-Nonane	*34.7*		*50.0*		*69.4*	*50-200*			

QC Summary Data

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/28/2022 4:19:53PM

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 (2213035-BLK1)									Prepared: 03/23/22 Analyzed: 03/24/22
Chloride	ND	20.0							
LCS (2213035-BS1)									Prepared: 03/23/22 Analyzed: 03/24/22
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2213035-MS1)				**Source: E203088-01**					Prepared: 03/23/22 Analyzed: 03/24/22
Chloride	331	20.0	250	64.4	107	80-120			
Matrix Spike Dup (2213035-MSD1)				**Source: E203088-01**					Prepared: 03/23/22 Analyzed: 03/24/22
Chloride	384	20.0	250	64.4	128	80-120	14.9	20	M2

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	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	03/28/22 16:19

M2	Matrix spike recovery was outside quality control limits. 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
Project Manager:	Lindsey Nevels
Address:	1909 E I-20
City, State, Zip:	Midland, Tx 79701, NM, 88260
Phone:	432 241-2480
Email:	lnevels@hazmatspecialservices.com
Report due by:	

Bill To

Attention:	HMSS
Address:	1909 E 1-20
City, State, Zip:	Midland Tx 79701
Phone:	432 241--2480
Email:	lnevels@hazmatspecialservices.com

Lab Use Only

Lab WO# PE203139 | Job Number 22010-0001

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			X		
					RCRA

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

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
	3/16/22			CF S4	14'	1								X				
	3/16/22			CFS5 ~~CF S4~~	16'	2								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
	3/21/22			3.21.22	11:45
	3.21.22	5:30	Caitlin Christian	3/22/22	10:30

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: 3/24/2022 8:46:29AM

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:	03/22/22 10:30	Work Order ID:	E203139
Phone:	-	Date Logged In:	03/22/22 11:36	Logged In By:	Caitlin Christian
Email:	lnevels@hazmatspecialservices.com	Due Date:	03/28/22 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

Sampled times and sample matrix not provided on COC.

Client Instruction

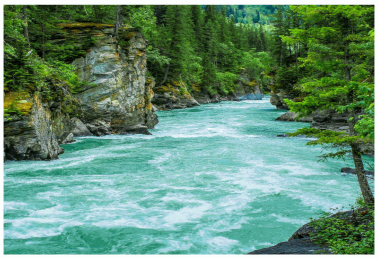
Signature of client authorizing changes to the COC or sample disposition.

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

Work Order: E203140

Job Number: 22010-0001

Received: 3/22/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/30/22

Date Reported: 3/30/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly
Workorder: E203140
Date Received: 3/22/2022 10:30:00AM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/22/2022 10:30:00AM, under the Project Name: Skelly.

The analytical test results summarized in this report with the Project Name: Skelly 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
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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	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	03/30/22 14:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL1 4'	E203140-01A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
FL2 4'	E203140-02A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
FL3 4'	E203140-03A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
FL4 4'	E203140-04A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
FL5 4'	E203140-05A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
FL6 4'	E203140-06A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
FL7 4'	E203140-07A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
FL8 4'	E203140-08A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
FL9 4'	E203140-09A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
FL10 4'	E203140-10A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:16:25PM

FL1 4'

E203140-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.8 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*97.9 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.8 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*97.9 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/25/22	
Surrogate: n-Nonane		*66.5 %*	*50-200*	*03/24/22*	*03/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	**66.9**	20.0	1	03/24/22	03/24/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:16:25PM

FL2 4'

E203140-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*91.6 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*97.7 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*91.6 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*97.7 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/25/22	
Surrogate: n-Nonane		*70.7 %*	*50-200*	*03/24/22*	*03/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	**65.4**	20.0	1	03/24/22	03/24/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:16:25PM

FL3 4'

E203140-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*90.0 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*90.0 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213042
Diesel Range Organics (C10-C28)	**145**	25.0	1	03/24/22	03/25/22	
Oil Range Organics (C28-C36)	**76.2**	50.0	1	03/24/22	03/25/22	
Surrogate: n-Nonane		*75.5 %*	*50-200*	*03/24/22*	*03/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	**218**	20.0	1	03/24/22	03/24/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:16:25PM

FL4 4'

E203140-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*91.5 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*96.7 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*91.5 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*96.7 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/25/22	
Surrogate: n-Nonane		*72.2 %*	*50-200*	*03/24/22*	*03/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	**69.4**	20.0	1	03/24/22	03/25/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:16:25PM

FL5 4'

E203140-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.0 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.2 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.0 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.2 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213042
Diesel Range Organics (C10-C28)	**387**	25.0	1	03/24/22	03/25/22	
Oil Range Organics (C28-C36)	**186**	50.0	1	03/24/22	03/25/22	
Surrogate: n-Nonane		*59.2 %*	*50-200*	*03/24/22*	*03/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	**811**	20.0	1	03/24/22	03/25/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:16:25PM

FL6 4'

E203140-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*97.5 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*97.5 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213042
Diesel Range Organics (C10-C28)	**1150**	25.0	1	03/24/22	03/25/22	
Oil Range Organics (C28-C36)	**514**	50.0	1	03/24/22	03/25/22	
Surrogate: n-Nonane		*81.1 %*	*50-200*	*03/24/22*	*03/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	**393**	20.0	1	03/24/22	03/25/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:16:25PM

FL7 4'

E203140-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*94.0 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*94.0 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213042
Diesel Range Organics (C10-C28)	**170**	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	**94.0**	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*70.3 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	**417**	20.0	1	03/24/22	03/25/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:16:25PM

FL8 4'

E203140-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*93.6 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*93.6 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213042
Diesel Range Organics (C10-C28)	**88.8**	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	**58.7**	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*68.3 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	**1180**	40.0	2	03/24/22	03/25/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:16:25PM

FL9 4'

E203140-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*93.1 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*99.2 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*93.1 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*99.2 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213042
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*75.8 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	**1540**	40.0	2	03/24/22	03/25/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:16:25PM

FL10 4'

E203140-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*03/23/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213042
Diesel Range Organics (C10-C28)	**107**	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	**65.3**	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*75.8 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2213046
Chloride	**1810**	40.0	2	03/24/22	03/25/22	

QC Summary Data

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:16:25PM

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 (2213033-BLK1)									Prepared: 03/23/22 Analyzed: 03/28/22
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	*0.470*		*0.500*		*93.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: Toluene-d8	*0.494*		*0.500*		*98.7*	*70-130*			
LCS (2213033-BS1)									Prepared: 03/23/22 Analyzed: 03/28/22
Benzene	2.57	0.0250	2.50		103	70-130			
Ethylbenzene	2.62	0.0250	2.50		105	70-130			
Toluene	2.67	0.0250	2.50		107	70-130			
o-Xylene	2.55	0.0250	2.50		102	70-130			
p,m-Xylene	5.13	0.0500	5.00		103	70-130			
Total Xylenes	7.68	0.0250	7.50		102	70-130			
Surrogate: Bromofluorobenzene	*0.484*		*0.500*		*96.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.505*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.505*		*0.500*		*101*	*70-130*			
Matrix Spike (2213033-MS1)				**Source: E203138-03**					Prepared: 03/23/22 Analyzed: 03/29/22
Benzene	2.55	0.0250	2.50	ND	102	48-131			
Ethylbenzene	2.60	0.0250	2.50	ND	104	45-135			
Toluene	2.63	0.0250	2.50	ND	105	48-130			
o-Xylene	2.50	0.0250	2.50	ND	100	43-135			
p,m-Xylene	5.03	0.0500	5.00	ND	101	43-135			
Total Xylenes	7.54	0.0250	7.50	ND	100	43-135			
Surrogate: Bromofluorobenzene	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.509*		*0.500*		*102*	*70-130*			
Matrix Spike Dup (2213033-MSD1)				**Source: E203138-03**					Prepared: 03/23/22 Analyzed: 03/29/22
Benzene	2.51	0.0250	2.50	ND	100	48-131	1.50	23	
Ethylbenzene	2.51	0.0250	2.50	ND	101	45-135	3.23	27	
Toluene	2.52	0.0250	2.50	ND	101	48-130	4.35	24	
o-Xylene	2.45	0.0250	2.50	ND	98.1	43-135	2.10	27	
p,m-Xylene	4.89	0.0500	5.00	ND	97.9	43-135	2.80	27	
Total Xylenes	7.34	0.0250	7.50	ND	97.9	43-135	2.57	27	
Surrogate: Bromofluorobenzene	*0.483*		*0.500*		*96.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.506*		*0.500*		*101*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:16:25PM

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 (2213033-BLK1)									Prepared: 03/23/22 Analyzed: 03/28/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.470*		*0.500*		*93.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: Toluene-d8	*0.494*		*0.500*		*98.7*	*70-130*			
LCS (2213033-BS2)									Prepared: 03/23/22 Analyzed: 03/28/22
Gasoline Range Organics (C6-C10)	52.0	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	*0.465*		*0.500*		*93.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.505*		*0.500*		*101*	*70-130*			
Matrix Spike (2213033-MS2)				**Source: E203138-03**					Prepared: 03/23/22 Analyzed: 03/29/22
Gasoline Range Organics (C6-C10)	56.7	20.0	50.0	ND	113	70-130			
Surrogate: Bromofluorobenzene	*0.477*		*0.500*		*95.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.499*		*0.500*		*99.7*	*70-130*			
Surrogate: Toluene-d8	*0.518*		*0.500*		*104*	*70-130*			
Matrix Spike Dup (2213033-MSD2)				**Source: E203138-03**					Prepared: 03/23/22 Analyzed: 03/29/22
Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130	11.9	20	
Surrogate: Bromofluorobenzene	*0.466*		*0.500*		*93.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: Toluene-d8	*0.517*		*0.500*		*103*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:16:25PM

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 (2213042-BLK1)									Prepared: 03/24/22 Analyzed: 03/25/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*36.9*		*50.0*		*73.8*	*50-200*			
LCS (2213042-BS1)									Prepared: 03/24/22 Analyzed: 03/25/22
Diesel Range Organics (C10-C28)	434	25.0	500		86.9	38-132			
Surrogate: n-Nonane	*35.0*		*50.0*		*70.1*	*50-200*			
Matrix Spike (2213042-MS1)				**Source: E203140-05**					Prepared: 03/24/22 Analyzed: 03/25/22
Diesel Range Organics (C10-C28)	741	25.0	500	387	70.6	38-132			
Surrogate: n-Nonane	*34.4*		*50.0*		*68.9*	*50-200*			
Matrix Spike Dup (2213042-MSD1)				**Source: E203140-05**					Prepared: 03/24/22 Analyzed: 03/25/22
Diesel Range Organics (C10-C28)	765	25.0	500	387	75.5	38-132	3.25	20	
Surrogate: n-Nonane	*34.7*		*50.0*		*69.4*	*50-200*			

QC Summary Data

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 2:16:25PM

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 (2213046-BLK1)									Prepared: 03/24/22 Analyzed: 03/24/22
Chloride	ND	20.0							
LCS (2213046-BS1)									Prepared: 03/24/22 Analyzed: 03/24/22
Chloride	246	20.0	250		98.5	90-110			
Matrix Spike (2213046-MS1)				**Source: E203138-01**					Prepared: 03/24/22 Analyzed: 03/24/22
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2213046-MSD1)				**Source: E203138-01**					Prepared: 03/24/22 Analyzed: 03/24/22
Chloride	256	20.0	250	ND	102	80-120	0.485	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	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	03/30/22 14:16

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
Project Manager:	Lindsey Nevels
Address:	1909 E I-20
City, State, Zip:	Midland, Tx 79701, NM, 88260
Phone:	432 241-2480
Email:	lnevels@hazmatspecialservices.com
Report due by:	

Bill To

Attention:	HMSS
Address:	1909 E 1-20
City, State, Zip:	Midland Tx 79701
Phone:	432 241--2480
Email:	lnevels@hazmatspecialservices.com

Lab Use Only

Lab WO# PE203140 | Job Number 2210-0001

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
	3/16/22		1	FL1	4'	1								X				
	3/16/22		1	FL2	4'	2								X				
	3/16/22		1	FL3	4'	3								X				
	3/16/22		1	FL4	4'	4								X				
	3/16/22		1	FL5	4'	5								X				
	3/16/22		1	FL6	4'	6								X				
	3/16/22		1	FL7	4'	7								X				
	3/16/22		1	FL8	4'	8								X				
	3/16/22		1	FL9	4'	9								X				
	3/16/22		1	FL10	4'	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
	3/22/21			3.25.22	11:45
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3.21.22	5:30	Caitlin Chatum	3/22/22	10:30
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: 3/24/2022 8:42:34AM

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:	03/22/22 10:30	Work Order ID:	E203140
Phone:	-	Date Logged In:	03/22/22 11:41	Logged In By:	Caitlin Christian
Email:	lnevels@hazmatspecialservices.com	Due Date:	03/28/22 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

Sampled times and matrix not provided on COC.

Client Instruction

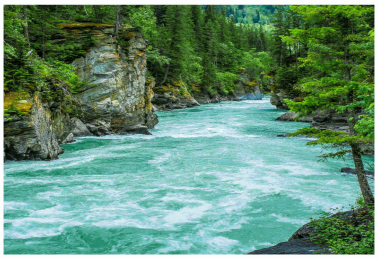
Signature of client authorizing changes to the COC or sample disposition.

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

Work Order: E203142

Job Number: 22010-0001

Received: 3/22/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/30/22

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: 3/30/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly
Workorder: E203142
Date Received: 3/22/2022 10:30:00AM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/22/2022 10:30:00AM, under the Project Name: Skelly.

The analytical test results summarized in this report with the Project Name: Skelly 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
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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	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	03/30/22 12:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW4 A	E203142-01A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
SW5	E203142-02A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
SW6	E203142-03A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
SW7	E203142-04A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
SW8	E203142-05A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
SW9	E203142-06A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
SW10	E203142-07A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
SW11	E203142-08A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
SW12	E203142-09A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.
SW4A - 1'	E203142-10A	Soil	03/16/22	03/22/22	Glass Jar, 4 oz.

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 12:51:12PM

SW4 A

E203142-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.2 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213041
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/28/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*03/24/22*	*03/28/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2213045
Chloride	ND	20.0	1	03/24/22	03/28/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 12:51:12PM

SW5

E203142-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.8 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213041
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2213045
Chloride	**24.3**	20.0	1	03/24/22	03/28/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 12:51:12PM

SW6

E203142-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.3 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213041
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*81.5 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2213045
Chloride	**22.8**	20.0	1	03/24/22	03/28/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 12:51:12PM

SW7

E203142-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213041
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*78.2 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2213045
Chloride	**23.0**	20.0	1	03/24/22	03/28/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 12:51:12PM

SW8

E203142-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213041
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*79.0 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2213045
Chloride	**39.7**	20.0	1	03/24/22	03/28/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 12:51:12PM

SW9

E203142-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213041
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*78.5 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2213045
Chloride	**23.5**	20.0	1	03/24/22	03/29/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 12:51:12PM

SW10

E203142-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213041
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*78.2 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2213045
Chloride	**26.1**	20.0	1	03/24/22	03/29/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 12:51:12PM

SW11

E203142-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213041
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*79.8 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2213045
Chloride	**24.5**	20.0	1	03/24/22	03/29/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 12:51:12PM

SW12

E203142-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.3 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213041
Diesel Range Organics (C10-C28)	**31.0**	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*88.0 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2213045
Chloride	**20.5**	20.0	1	03/24/22	03/29/22	

Sample Data

LH Operating	Project Name:	Skelly	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 12:51:12PM

SW4A - 1'

E203142-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Benzene	ND	0.0250	1	03/23/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/23/22	03/29/22	
Toluene	ND	0.0250	1	03/23/22	03/29/22	
o-Xylene	ND	0.0250	1	03/23/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/23/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/23/22	03/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2213034
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/23/22	03/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.0 %*	*70-130*	*03/23/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2213041
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/22	03/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/22	03/26/22	
Surrogate: n-Nonane		*82.9 %*	*50-200*	*03/24/22*	*03/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2213045
Chloride	**22.7**	20.0	1	03/24/22	03/29/22	

QC Summary Data

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 12:51:12PM

Volatile Organics by EPA 8021B

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 (2213034-BLK1)									Prepared: 03/23/22 Analyzed: 03/29/22
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	*8.36*		*8.00*		*104*	*70-130*			
LCS (2213034-BS1)									Prepared: 03/23/22 Analyzed: 03/29/22
Benzene	4.73	0.0250	5.00		94.6	70-130			
Ethylbenzene	4.45	0.0250	5.00		89.1	70-130			
Toluene	4.66	0.0250	5.00		93.2	70-130			
o-Xylene	4.64	0.0250	5.00		92.8	70-130			
p,m-Xylene	9.21	0.0500	10.0		92.1	70-130			
Total Xylenes	13.8	0.0250	15.0		92.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.39*		*8.00*		*105*	*70-130*			
Matrix Spike (2213034-MS1)				**Source: E203141-01**					Prepared: 03/23/22 Analyzed: 03/29/22
Benzene	5.18	0.0250	5.00	ND	104	54-133			
Ethylbenzene	4.87	0.0250	5.00	ND	97.3	61-133			
Toluene	5.09	0.0250	5.00	ND	102	61-130			
o-Xylene	5.04	0.0250	5.00	ND	101	63-131			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	15.1	0.0250	15.0	ND	100	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.26*		*8.00*		*103*	*70-130*			
Matrix Spike Dup (2213034-MSD1)				**Source: E203141-01**					Prepared: 03/23/22 Analyzed: 03/29/22
Benzene	5.24	0.0250	5.00	ND	105	54-133	1.11	20	
Ethylbenzene	4.92	0.0250	5.00	ND	98.4	61-133	1.14	20	
Toluene	5.15	0.0250	5.00	ND	103	61-130	1.16	20	
o-Xylene	5.06	0.0250	5.00	ND	101	63-131	0.368	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	1.06	20	
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131	0.827	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.28*		*8.00*		*104*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 12:51:12PM

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 (2213034-BLK1)									Prepared: 03/23/22 Analyzed: 03/29/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.7*	*70-130*			
LCS (2213034-BS2)									Prepared: 03/23/22 Analyzed: 03/29/22
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0		111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.24*		*8.00*		*90.4*	*70-130*			
Matrix Spike (2213034-MS2)				**Source: E203141-01**					Prepared: 03/23/22 Analyzed: 03/29/22
Gasoline Range Organics (C6-C10)	56.5	20.0	50.0	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike Dup (2213034-MSD2)				**Source: E203141-01**					Prepared: 03/23/22 Analyzed: 03/29/22
Gasoline Range Organics (C6-C10)	57.5	20.0	50.0	ND	115	70-130	1.74	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.14*		*8.00*		*89.2*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 12:51:12PM

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 (2213041-BLK1)									Prepared: 03/24/22 Analyzed: 03/25/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*37.8*		*50.0*		*75.6*	*50-200*			
LCS (2213041-BS1)									Prepared: 03/24/22 Analyzed: 03/25/22
Diesel Range Organics (C10-C28)	477	25.0	500		95.3	38-132			
Surrogate: n-Nonane	*36.2*		*50.0*		*72.5*	*50-200*			
Matrix Spike (2213041-MS1)				**Source: E203141-08**					Prepared: 03/24/22 Analyzed: 03/25/22
Diesel Range Organics (C10-C28)	465	25.0	500	ND	93.0	38-132			
Surrogate: n-Nonane	*39.1*		*50.0*		*78.2*	*50-200*			
Matrix Spike Dup (2213041-MSD1)				**Source: E203141-08**					Prepared: 03/24/22 Analyzed: 03/25/22
Diesel Range Organics (C10-C28)	458	25.0	500	ND	91.7	38-132	1.47	20	
Surrogate: n-Nonane	*39.1*		*50.0*		*78.2*	*50-200*			

QC Summary Data

LH Operating	Project Name:	Skelly	**Reported:**
4809 Cole Ave	Project Number:	22010-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	3/30/2022 12:51:12PM

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 (2213045-BLK1)									Prepared: 03/24/22 Analyzed: 03/28/22
Chloride	ND	20.0							
LCS (2213045-BS1)									Prepared: 03/24/22 Analyzed: 03/28/22
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2213045-MS1)				**Source: E203141-01**					Prepared: 03/24/22 Analyzed: 03/28/22
Chloride	34300	2000	250	35800	NR	80-120			M5
Matrix Spike Dup (2213045-MSD1)				**Source: E203141-01**					Prepared: 03/24/22 Analyzed: 03/28/22
Chloride	38200	2000	250	35800	964	80-120	10.9	20	M5

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	
4809 Cole Ave	Project Number:	22010-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	03/30/22 12:51

M5	The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated 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
Project Manager:	Lindsey Nevels
Address:	1909 E I-20
City, State, Zip:	Midland, Tx 79701, NM, 88260
Phone:	432 241-2480
Email:	lnevels@hazmatspecialservices.com
Report due by:	

Bill To

Attention:	HMSS
Address:	1909 E 1-20
City, State, Zip:	Midland Tx 79701
Phone:	432 241--2480
Email:	lnevels@hazmatspecialservices.com

Lab Use Only: Lab WO# PE203142 | Job Number 22010-0001

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

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

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
	3/16/22		1	SW4 A		1									X				
	3/16/22		1	SW5		2									X				
	3/16/22		1	SW6		3									X				
	3/16/22		1	SW7		4									X				
	3/16/22		1	SW8		5									X				
	3/16/22		1	SW9		6									X				
	3/16/22		1	SW10		7									X				
	3/16/22			SW11		8									✓				
	3/16/22			SW12		9									✓				

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
	3/21/22			3.21.22	11:45
	3.21.22	5:30	Caitlin Christian	3/22/22	10:30

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: 3/24/2022 8:32:22AM

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:	03/22/22 10:30	Work Order ID:	E203142
Phone:	-	Date Logged In:	03/22/22 12:26	Logged In By:	Caitlin Christian
Email:	lnevels@hazmatspecialservices.com	Due Date:	03/28/22 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?	No	

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

Sampled time and matrix not provided on COC. Additional sample received, Client asked to add sample.

Client Instruction

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

Date

envirotech Inc.

Project Information | Chain of Custody | Page 1 of 1

Client:	LH Operating
Project:	Skelly
Project Manager:	Lindsey Nevels
Address:	1909 E I-20
City, State, Zip:	Midland, Tx 79701, NM, 88260
Phone:	432 241-2480
Email:	lnevels@hazmatspecialservices.com
Report due by:	

Bill To

Attention:	HMSS
Address:	1909 E 1-20
City, State, Zip:	Midland Tx 79701
Phone:	432 241--2480
Email:	lnevels@hazmatspecialservices.com

Lab Use Only

Lab WO#	Job Number
PE203142	22010-0001

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
	3/16/22		1	SW4 A		1									X				
	3/16/22		1	SW5		2									X				
	3/16/22		1	SW6		3									x				
	3/16/22		1	SW7		4									x				
	3/16/22		1	SW8		5									x				
	3/16/22		1	SW9		6									x				
	3/16/22		1	SW10		7									x				
	3/16/22		1	SW11		8									✓				
	3/16/22		1	SW12		9									✓				
	3/16/22		1	SW4A - 11		10									X				Added sample per Lindsey 3/22/22 CC

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
	3/21/22			3.21.22	11:45
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3.21.22	5:30	Caitlin Christian	3/22/22	10:30
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

Attachment V
NMOCD Form C-141 Remediation Pages

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2204953590
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	320 (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	NAPP2204953590
District RP	
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: Field Compliance

Signature: Mike Burton Date: 02/18/22

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

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

[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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

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: _____

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

COMMENTS

Operator: LH Operating, LLC 4809 Cole Ave Dallas, TX 75205	OGRID: 329319
	Action Number: 99580
	Action Type: [C-141] Release Corrective Action (C-141)

COMMENTS

Created By	Comment	Comment Date
jharimon	Signed C-141 Pgs. 3-4. Pg. 6 is incomplete and unsigned.	4/19/2022

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Santa Fe, NM 87505

CONDITIONS

Action 99580

CONDITIONS

Operator: LH Operating, LLC 4809 Cole Ave Dallas, TX 75205	OGRID: 329319
	Action Number: 99580
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2215230911 SKELLY UNIT 940 BATTERY, thank you. This closure is approved.	6/10/2022