



25A-03813

Reclamation Closure

Bell Lake 19 State #001H

hAPP2208125818

Prepared for:

Devon Energy Production Company, LP

Prepared by:

Vertex Resource Services Inc.

Date:

July 2025

Devon Energy Production Company, LP
Bell Lake 19 State #001H

Reclamation Closure
July 2025

Reclamation Closure
Bell Lake 19 State #001H

Prepared for:
Devon Energy Production Company, LP
5315 Buena Vista Drive
Carlsbad, New Mexico 88220

Prepared by:
Vertex Resource Services Inc.
3101 Boyd Drive
Carlsbad, New Mexico 88220

John Rewis

John Rewis, B.Sc.
ENVIRONMENTAL TECHNICIAN, REPORTING

November 25, 2025

Date

Sally Carttar

Sally Carttar
PROJECT MANAGER, REPORT REVIEW

November 25, 2025

Date

Devon Energy Production Company, LP
Bell Lake 19 State #001H

Reclamation Closure
July 2025

Executive Summary

Devon Energy Production Company, LP retained Vertex Resource Services Inc. to complete a reclamation closure for the Bell Lake 19 State #001H located on state land in Unit M, Section 19, Township 24 South, Range 33 East (hereafter referred to as "site"). The site visit was conducted on July 8, 2025.

The site was remediated to reclamation criteria at the time of the incident then backfilled with clean locally sourced material. A sample of the backfill was submitted for laboratory analysis, analyzed for contaminants, and found to be below the strictest criteria. The soil quality of the backfill was tested and compared to the soil quality in the surrounding undisturbed pastureland. The soil samples were field tested for pH, nitrogen, phosphorous, and potassium. Results showed soil samples had comparable concentrations of nutrients as the pastureland control.

Devon Energy Production Company, LP
Bell Lake 19 State #001H

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July 2025

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Devon Energy Production Company, LP
Bell Lake 19 State #001H

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Devon Energy Production Company, LP
Bell Lake 19 State #001H

Reclamation Closure
July 2025

1.0 Introduction

Devon Energy Production Company, LP retained Vertex Resource Services Inc. (Vertex) to complete a reclamation closure for the Bell Lake 19 State #001H located on state land in Unit M, Section 19, Township 24 South, Range 33 East (hereafter referred to as "site"). The site visit was conducted on July 8, 2025.

This document provides a description of the site, summary of the previous environmental work, and details of the fulfillment of the reclamation criteria for the incident nAPP2208125818.

2.0 Site Evaluation

The site had been previously excavated to reclamation criteria by Vertex. The Remediation Closure Report was accepted by New Mexico Oil Conservation Division on May 2, 2024. The release area encompassed areas both on the production pad and in the pastureland.

3.0 Reclamation Compliance

3.1 Backfill Sample

The location was initially backfilled on August 2, 2022, following the completion of remediation activities. A sample of the backfill material was collected on July 8, 2025, and analyzed by Eurofins Environmental Testing for constituents regulated under *New Mexico Administrative Code 19.15.29.12*, Table 1. Analytical results confirmed that the backfill material was in compliance with the applicable reclamation standards (Appendix B).

3.2 Backfill Quality in the Pastureland

A sample of the topsoil used to backfill the top foot of pastureland was analyzed for soil quality, with nearby historically undisturbed pastureland serving as a control. Both samples were field-tested for pH, nitrogen, phosphorus, and potassium concentrations.

The pH was evaluated using a pH indicator and categorized as alkaline, neutral, or acidic. Nutrient concentrations for nitrogen, phosphorus, and potassium were assigned qualitative rankings of very low, low, medium, or high based on optical density. These rankings were standardized by placing the vials against a white background and referencing a color chart. Additionally, visual comparisons of sample opacity were used to assess relative nutrient concentrations between the backfill and control samples.

The results indicated that in both the backfill and control samples nitrogen concentrations were classified as very low, phosphorus concentrations were high, potassium concentrations were medium, and pH levels were determined to be alkaline. These similarities in nutrient levels demonstrate that the backfill material is generally comparable to the surrounding undisturbed pastureland, supporting its suitability for reclamation (Appendix A).

3.3 Regrowth in the Pastureland

The pastureland areas of the release showed dense healthy growth of vegetation with various types of grasses, bushes, and flowers such as broom snakeweed and native daisies. The surrounding undisturbed pastureland was primarily composed of similar native vegetation. The matching flora suggests the clean nutrient rich topsoil is being

Devon Energy Production Company, LP
Bell Lake 19 State #001H

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naturally revegetated by the undisturbed pastureland. The land in the release area has been effectively contoured to

3.4 Production Pad

The release area impacted an oil and gas pad still necessary for operations. These sections, noted in the figure as "4' East Excavation Area", "4' North Excavation Area", "4' South Excavation Area", and "2' Excavation Area", were remediated to reclamation standards then backfilled with clean locally sourced caliche. Minimal plant growth is sanctioned on areas necessary for operations. Restoration of the on-pad release area will be completed at such time as all oil and gas activities are terminated and the site is reclaimed as per NMAC 19.15.29.13.

4.0 Revegetation Plan and Monitoring Program

Following decommission of the oil and gas production pad, seeding will occur per the landowners' guidelines. Post seeding, bi-annual inspections will be conducted during the growing season to monitor site progression and assess the need for any additional best management practices (BMPs). Inspections will include photographs of the site and BMPs implemented.

4.1 Final Assessment and Closure Request

During the bi-annual inspections, if site conditions are at or nearing background conditions, a final revegetation report will be completed. The report will provide a summary of restoration work performed, a summary and interpretation of monitoring data collected, and interpretation of historical monitoring data, if applicable.

5.0 Reclamation Closure Request

Vertex Resource Group requests on behalf of Devon Energy that Reclamation Closure is accepted for incident nAPP2208125818.

Should you have any questions or concerns, please do not hesitate to contact Sally Carttar at 575.361.3561 or scarttar@vertexresource.com

Devon Energy Production Company, LP
Bell Lake 19 State #001H

Reclamation Closure
July 2025

6.0 Limitations

This report has been prepared for the sole benefit of Devon Energy. This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division and the Bureau of Land Management, without the express written consent of Vertex Resource Services Inc. (Vertex) and Devon Energy. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

FIGURES



- Base Sample (Prefixed by "BS22-")
- ▲ Wall Sample (Prefixed by "WS22-")
- 2' Excavation Area (~1394 sq. ft.)

- 4' Center Excavation Area (~390 sq. ft.)
- 4' East Excavation Area (~425 sq. ft.)
- 4' Northwest Excavation Area (~941 sq. ft.)
- 4' North Excavation Area (~112 sq. ft.)
- 4' South Excavation Area (~65 sq. ft.)

Total Excavation Area ~3,327 sq. ft.



Map Center:
Lat/Long: 32.196684, -103.618253

NAD 1983 UTM Zone 13N

Date: Sep 08/22



**Confirmatory Sample Locations
Bell Lake 19 State #001H**

FIGURE:

1



Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Background imagery from Maxar, 2020. Features from GPS. Vertex Professional Services Ltd., 2022.

VERSATILITY. EXPERTISE.

TABLES

Client Name: Devon Energy Production Company, LP
 Site Name: Bell Lake 19 State #001H
 NM OCD Tracking #: nAPP2208125818
 Project #: 25A-03813
 Lab Reports: 2207349, 2207412, 2207815, and 2207C30

Table 1. Confirmatory and Backfill Sample Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Inorganic
			Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
Backfill Sample										
Backfill	-	July 8, 2025	ND	ND	ND	10	ND	10	10	ND
Off-Pad Confirmation Samples										
BS22-01	2	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	ND
BS22-02	2	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	ND
BS22-03	2	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	ND
BS22-04	4	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	210
BS22-05	4	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	79
BS22-06	4	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	ND
BS22-07	4	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	ND
BS22-08	4	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	ND
BS22-09	2	July 7, 2022	ND	ND	ND	27	ND	27	27	ND
BS22-10	2	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	ND
BS22-11	2	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	ND
BS22-12	2	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-01	0-4	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-02	0-4	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	110
WS22-03	0-4	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-04	2-4	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-05	0-2	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-06	0-2	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-07	0-2	July 7, 2022	ND	ND	ND	ND	ND	ND	ND	ND
On-Pad Confirmation Samples										
BS22-13	4	July 8, 2022	ND	ND	ND	ND	ND	ND	ND	96
BS22-14	4	July 8, 2022	ND	ND	ND	ND	ND	ND	ND	180
BS22-15	4	July 8, 2022	ND	ND	ND	ND	ND	ND	ND	210
BS22-16	4	July 8, 2022	ND	ND	ND	ND	ND	ND	ND	ND
BS22-17	4	July 22, 2022	ND	ND	ND	ND	ND	ND	ND	ND
BS22-18	4	July 22, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-08	0-4	July 8, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-09	0-4	July 8, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-10	0-4	July 8, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-11	0-4	July 8, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-12	0-4	July 8, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-13	0-4	July 8, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-14	0-4	July 8, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-15	0-4	July 22, 2022	ND	ND	ND	ND	ND	ND	ND	64
WS22-16	0-4	July 22, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-17	0-4	July 22, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-18	0-4	July 22, 2022	ND	ND	ND	ND	ND	ND	ND	ND
WS22-19	0-4	July 13, 2022	ND	ND	ND	ND	ND	ND	ND	170

"ND" Not Detected at the Reporting Limit

Bold and green shaded indicates exceedance outside of NMOC Reclamation Closure Criteria

*Data originally submitted in the report accepted May 2, 2024 under incident nAPP2208125818

APPENDIX A



Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	4/25/2022
Site Location Name:	Bell Lake 19 State #1H	Report Run Date:	4/26/2022 8:42 PM
Client Contact Name:	Wes Matthews	API #:	30-025-41024
Client Contact Phone #:	(575) 748-0176	Project Owner:	
Unique Project ID		Project Manager:	
Project Reference #			

Summary of Times

Arrived at Site	4/25/2022 9:20 AM
Departed Site	4/25/2022 3:00 PM

Field Notes

9:24 On site to begin delineation.
11:37 Collected BH22-01 through BH22-06 at 0' and 2'. All clean on all field screening.
13:59 Collected BH22-07 through BH22-11 at 0' and 2'. All clean on all field screening.
14:10 Site has a good horizontal delineation. Will just need a vertical delineation when we return.

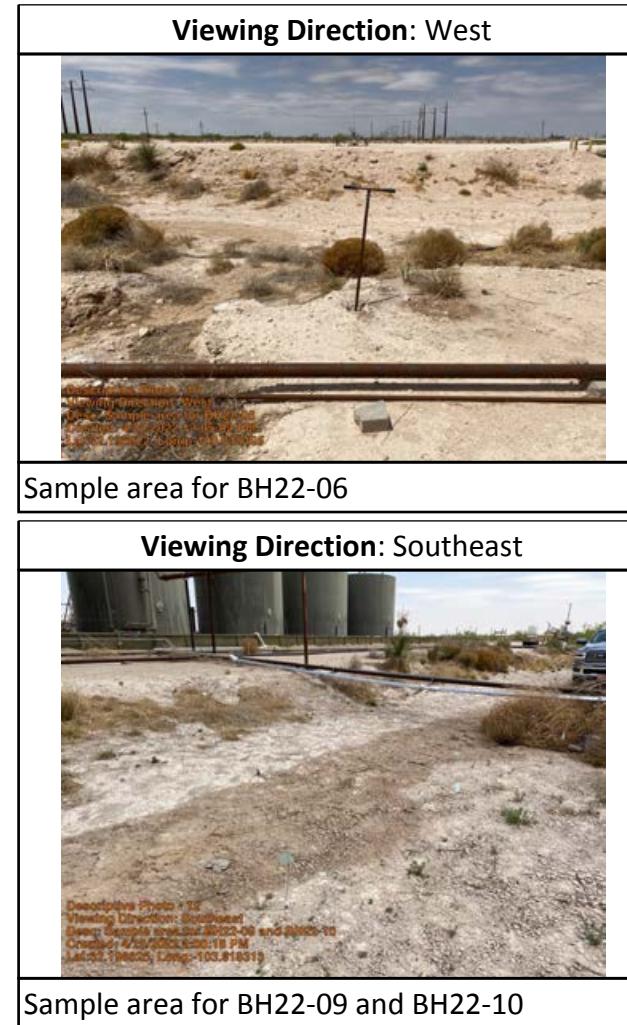
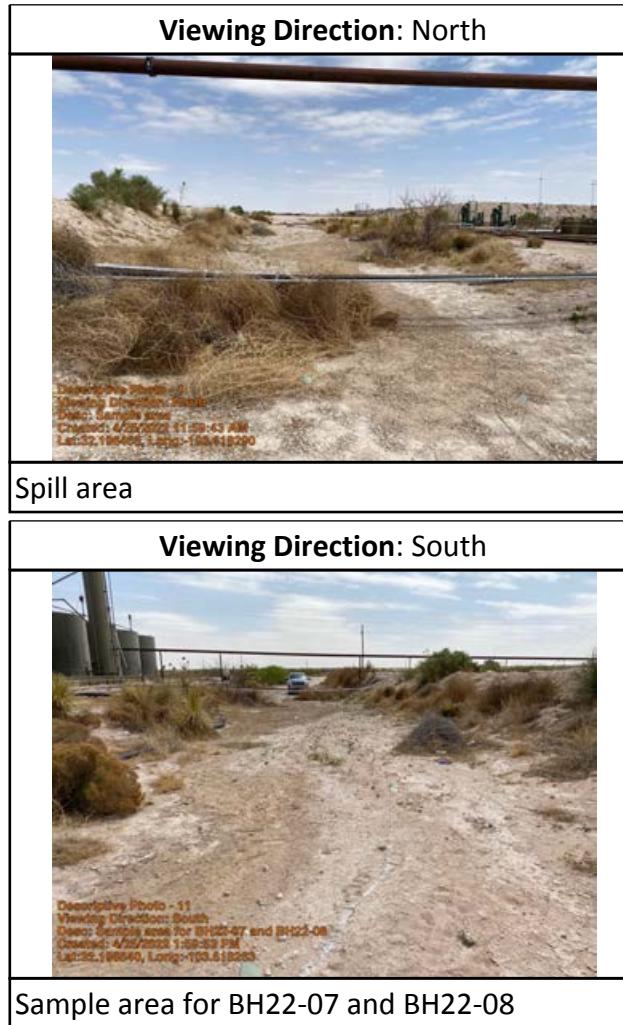
Next Steps & Recommendations

1 Vertical delineation.



Daily Site Visit Report

Site Photos



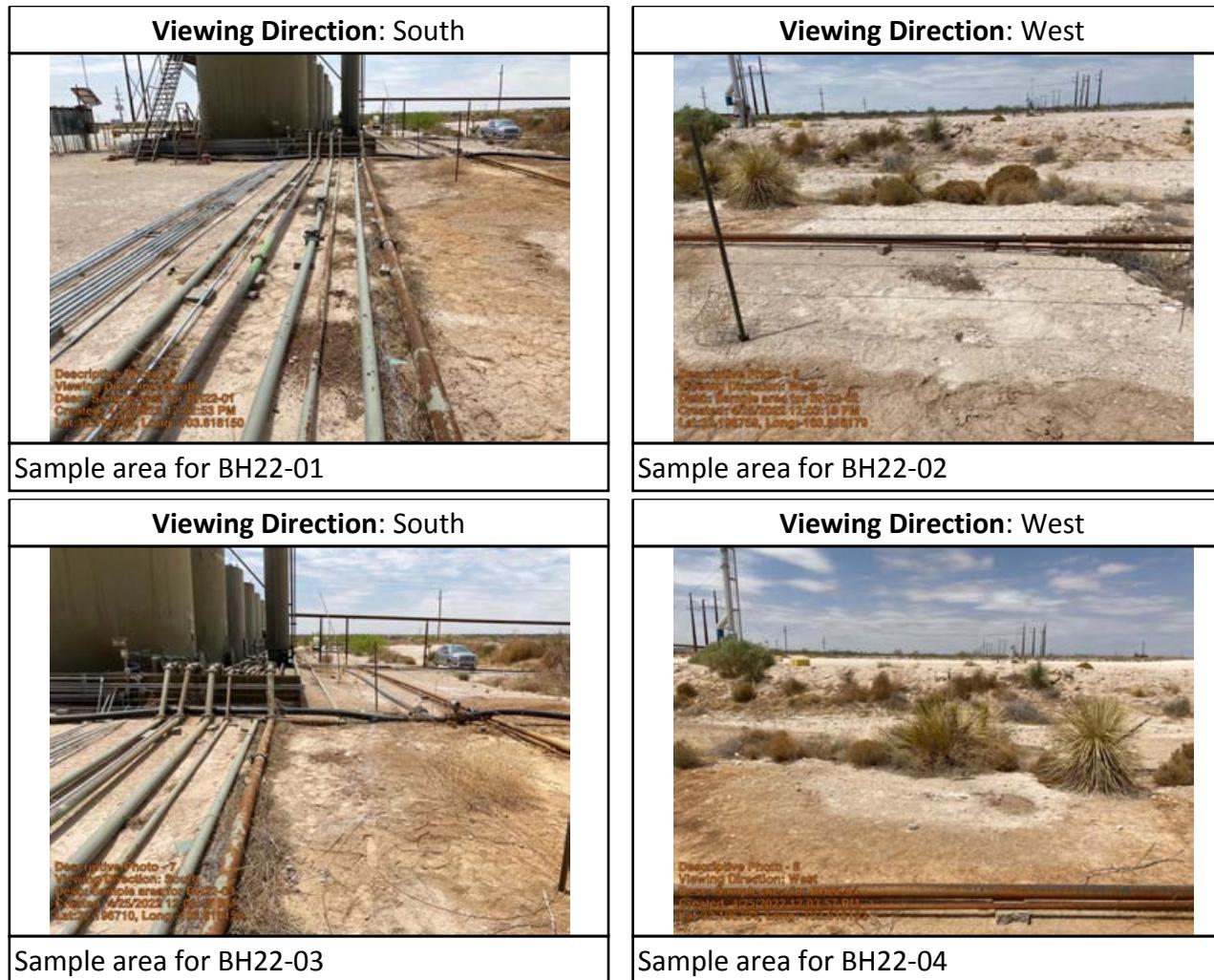


Daily Site Visit Report

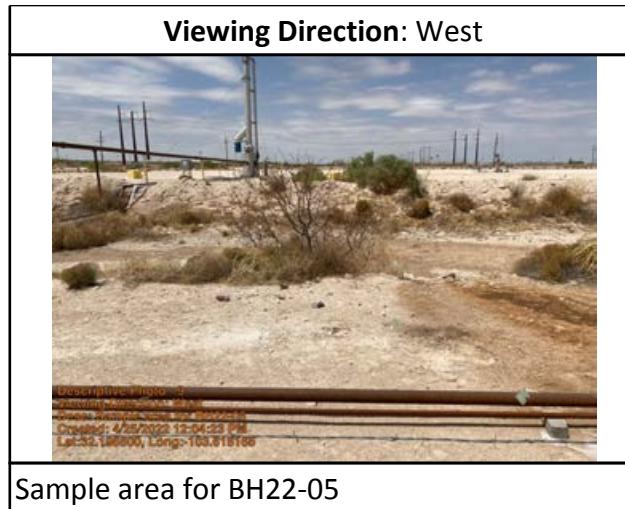
<p>Viewing Direction: Southwest</p>  <p>Descriptive Photo - 1 Viewing Direction: Southwest Area: Sample area for BH22-11 Created: 4/25/2022 2:00:37 PM Lat: 32.198551, Long: -103.616269</p>	<p>Viewing Direction: Northeast</p>  <p>Descriptive Photo - 2 Viewing Direction: East Area: Spill area Created: 4/25/2022 12:00:23 PM Lat: 32.198577, Long: -103.616416</p>
<p>Sample area for BH22-11</p> <p>Viewing Direction: South</p>  <p>Descriptive Photo - 3 Viewing Direction: South Area: Spill area Created: 4/25/2022 12:01:17 PM Lat: 32.198549, Long: -103.616307</p>	<p>Spill area</p> <p>Viewing Direction: South</p>  <p>Descriptive Photo - 4 Viewing Direction: South Area: Spill area Created: 4/25/2022 12:01:23 PM Lat: 32.198542, Long: -103.616186</p>
<p>Spill area</p>	<p>Spill area</p>



Daily Site Visit Report



Daily Site Visit Report



Daily Site Visit Report



Daily Site Visit Signature

Inspector: Chance Dixon

Signature:

 _____

Signature



Daily Site Visit Report

Client: Devon Energy Corporation
 Site Location Name: Bell Lake 19 State #1H
 Client Contact Name: Wes Matthews
 Client Contact Phone #: (575) 748-0176
 Unique Project ID: _____
 Project Reference #: _____

Inspection Date: 7/6/2022

Report Run Date: 7/6/2022 10:19 PM
 API #: 30-025-41024

Project Owner: _____

Project Manager: _____

Summary of Times

Arrived at Site 7/6/2022 8:30 AM
 Departed Site 7/6/2022 3:50 PM

Field Notes

- 15:04** Arrived on location and began digging out spill area
- 15:05** Dug south portion of excavation down 2 feet and west portion of excavation down to 4'
- 15:06** Collected and field screened samples BS22-01 through BS22-05, and field screened samples. Samples returned clean on chlorides. Did not run BS22-01 for PetroFlag due to lack of supplies
- 15:07** Checked eastern release area for one-call markings
- 15:27** Field screened WS22-01 and WS22-02 for chlorides and both samples returned clean

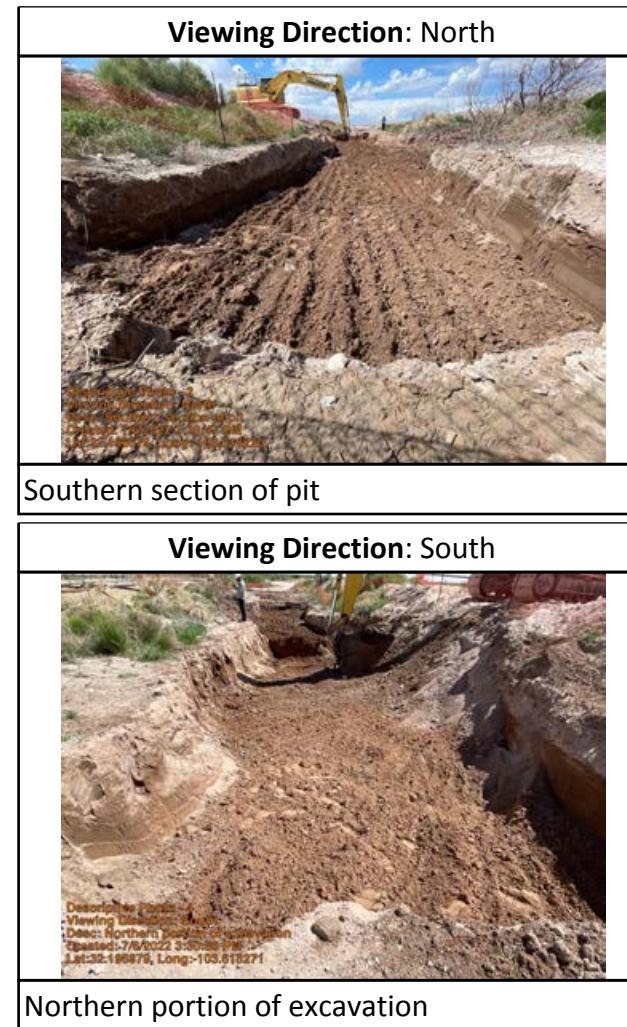
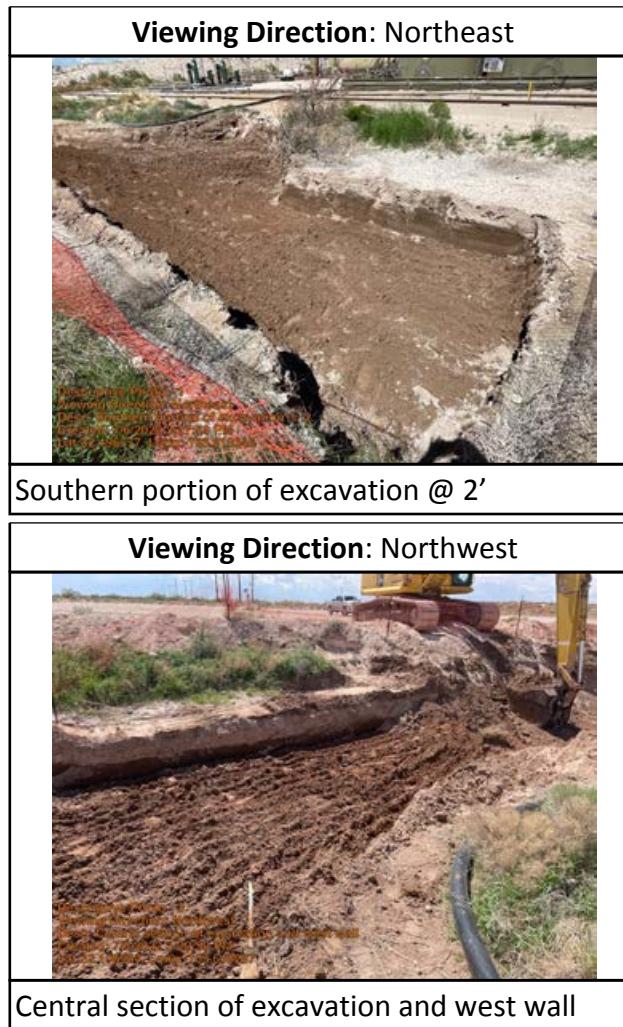
Next Steps & Recommendations

- 1 Continue with excavating eastern release and confirmation sampling



Daily Site Visit Report

Site Photos





Daily Site Visit Report



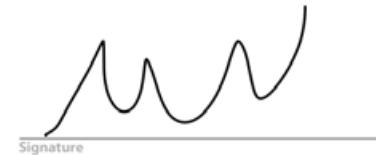
Daily Site Visit Report



Daily Site Visit Signature

Inspector: McKitric Wier

Signature:



A handwritten signature in black ink, consisting of three distinct, upward-sweeping loops. Below the loops, the word "Signature" is written in a smaller, sans-serif font.



Daily Site Visit Report

Client:	Devon Energy Corporation	Incident ID #:	nAPP2208125818
Site Location Name:	Bell Lake 19 State #1H	API #:	30-025-41024
Inspection Date:	7/8/2025		

Summary of Times	
Arrived at Site	7/8/2025 11:07 AM
Departed Site	7/8/2025 1:30 PM

Daily Site Visit Report



Site Sketch

Site Sketch



Daily Site Visit Report

Field Notes

- 11:37** Completed safety paperwork upon arrival
- 11:38** Photographed the area and plant regrowth
- 13:20** Collected a sample from the backfilled area and pastureland outside of oil and gas production areas
- 13:20** The backfill area has near full coverage of plant species
- 13:21** The soil quality of the backfill sample and pastureland sample are comparable

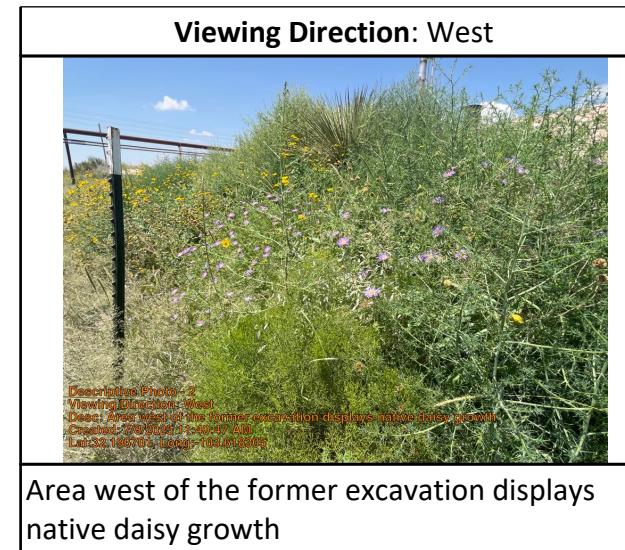
Next Steps & Recommendations

1



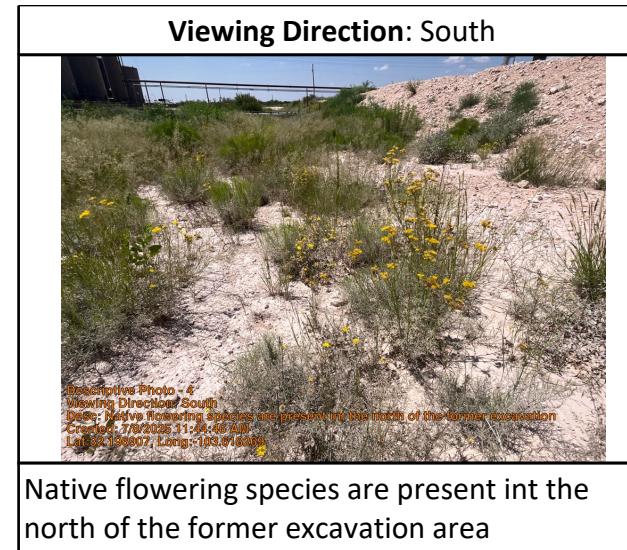
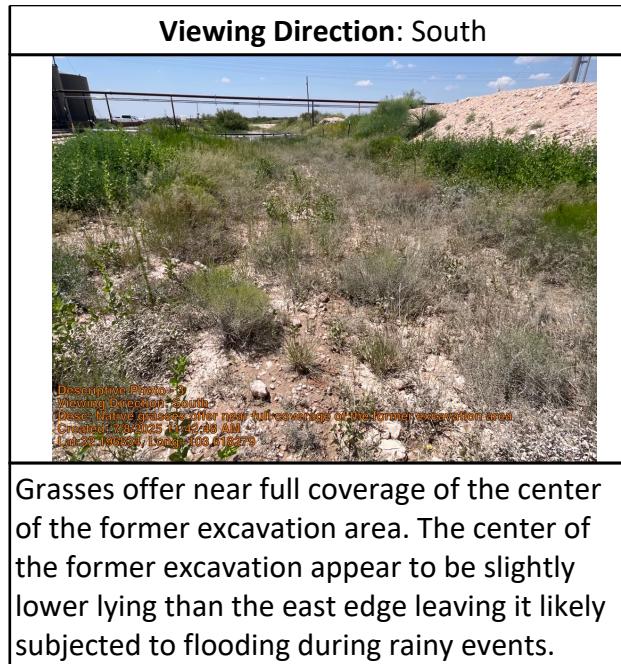
Daily Site Visit Report

Site Photos



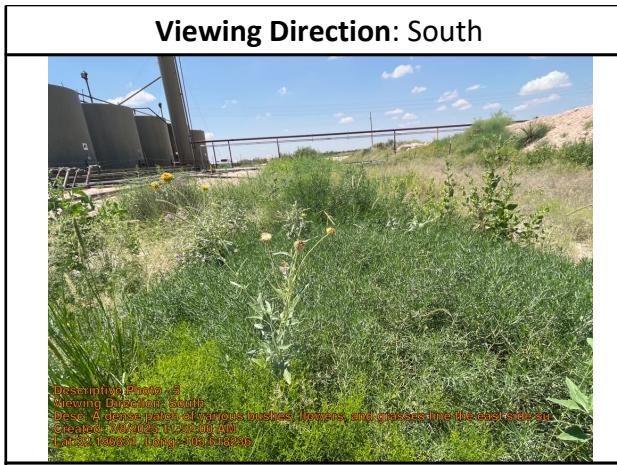


Daily Site Visit Report

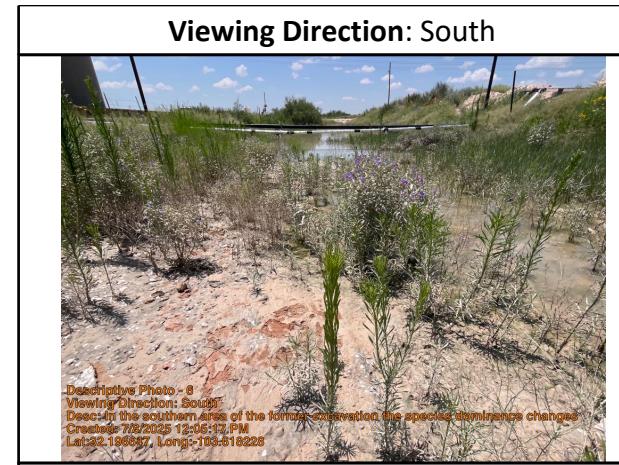




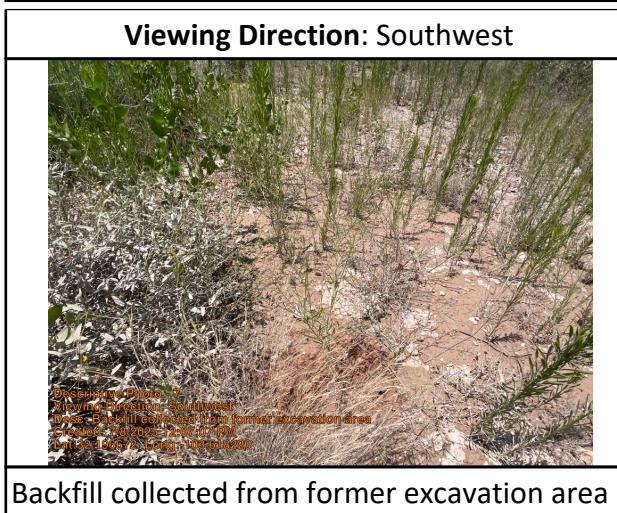
Daily Site Visit Report



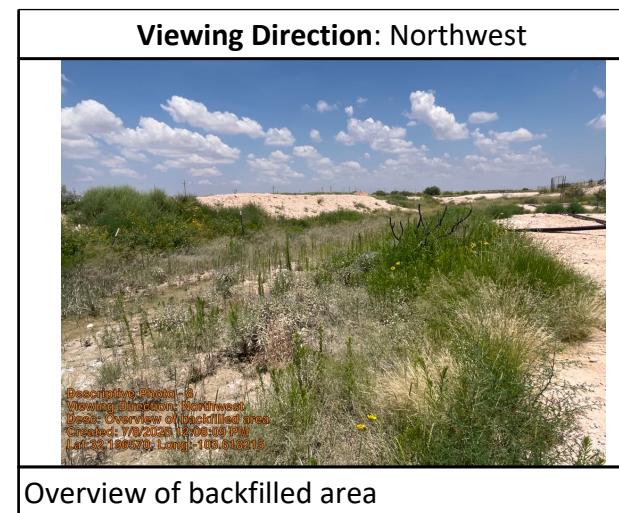
A dense patch of various bushes, flowers, and grasses line the east side such as broom snake weed, daisies, and more. While this area has a wider variety of plants, many of these species are the same as the ones growing in the lower lying center area.



In the southern area of the former excavation the species dominance changes to nightshade flowers, bristle grass, and an immature daisy species



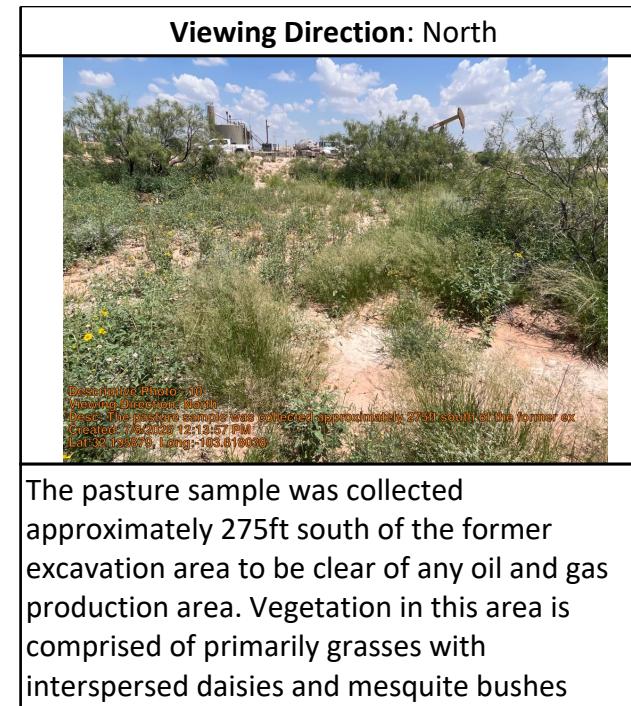
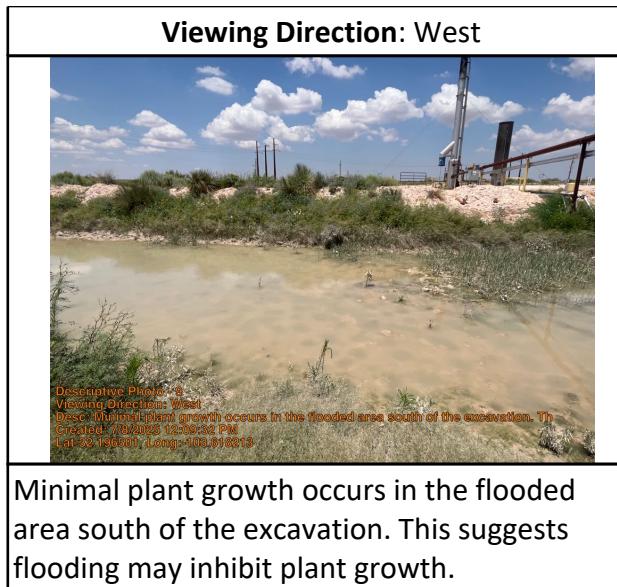
Backfill collected from former excavation area



Overview of backfilled area

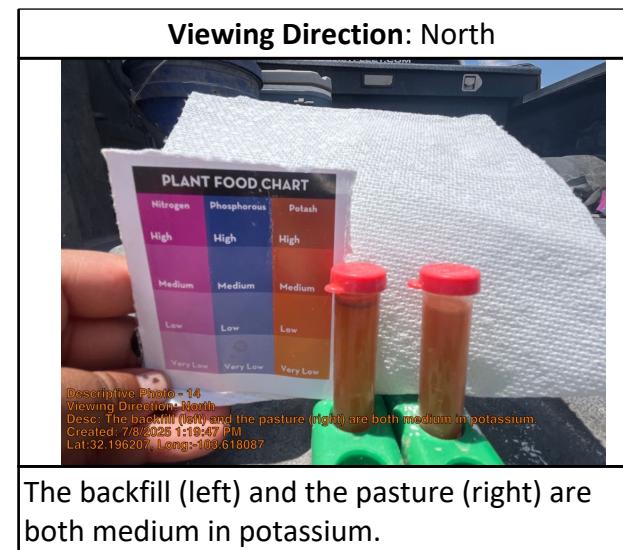
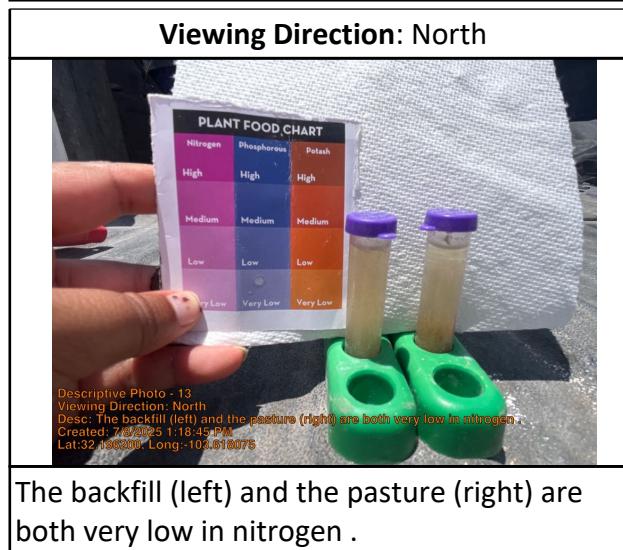
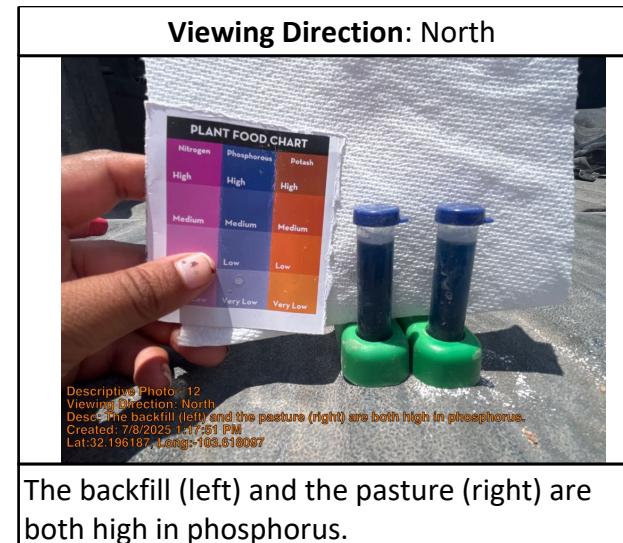
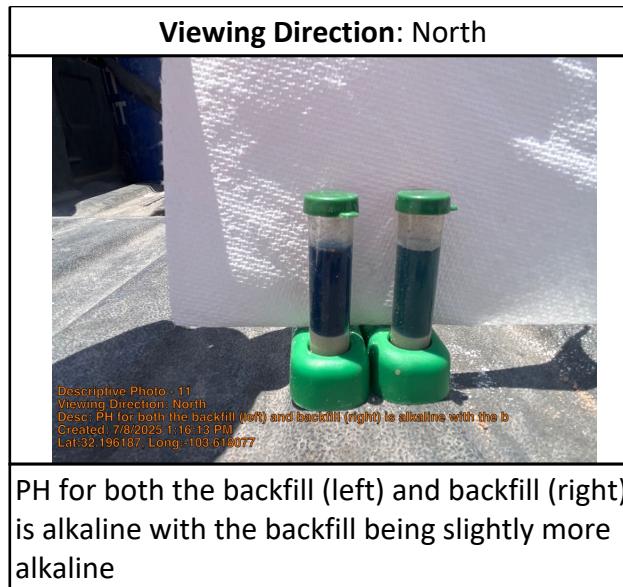


Daily Site Visit Report





Daily Site Visit Report



Daily Site Visit Report



Daily Site Visit Signature

Inspector: Katrina Taylor

Signature:

A handwritten signature in black ink, appearing to read 'KT', followed by a vertical line and the word 'Signature' written in small print below it.

APPENDIX B



Environment Testing

1

2

3

4

5

6

7

8

9

10

11

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Sally Carttar
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 7/18/2025 6:53:27 PM

JOB DESCRIPTION

Bell Lake 19 Satte 1H

JOB NUMBER

885-28667-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
7/18/2025 6:53:27 PM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Vertex
Project/Site: Bell Lake 19 Satte 1H

Laboratory Job ID: 885-28667-1

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Definitions/Glossary

Client: Vertex

Job ID: 885-28667-1

Project/Site: Bell Lake 19 Satte 1H

Qualifiers**GC VOA**

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

Glossary**Abbreviation** **These commonly used abbreviations may or may not be present in this report.**

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

Eurofins Albuquerque

Case Narrative

Client: Vertex
 Project: Bell Lake 19 Satte 1H

Job ID: 885-28667-1

Job ID: 885-28667-1**Eurofins Albuquerque****Job Narrative
885-28667-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt

The sample was received on 7/12/2025 8:15 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8°C.

Gasoline Range Organics

Method 8015D_GRO: The matrix spike duplicate (MSD) recovery for preparation batch 885-30055 and analytical batch 885-30187 is outside acceptance limits for Gasoline Range Organics (GRO)-C6-C10. These analytes are also outside of control limits for the associated laboratory control sample (LCS). GRO recovery on instrument is high, but all samples are ND, therefore the results are reported.

The following sample is associated (LCS 885-30055/2-A).

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Albuquerque

Client Sample Results

Client: Vertex
 Project/Site: Bell Lake 19 Satte 1H

Job ID: 885-28667-1

Client Sample ID: Backfill
 Date Collected: 07/08/25 12:00
 Date Received: 07/12/25 08:15

Lab Sample ID: 885-28667-1
 Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND	*+	4.8	mg/Kg		07/14/25 11:23	07/16/25 00:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		15 - 150			07/14/25 11:23	07/16/25 00:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		07/14/25 11:23	07/16/25 00:30	1
Ethylbenzene	ND		0.048	mg/Kg		07/14/25 11:23	07/16/25 00:30	1
Toluene	ND		0.048	mg/Kg		07/14/25 11:23	07/16/25 00:30	1
Xylenes, Total	ND		0.095	mg/Kg		07/14/25 11:23	07/16/25 00:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		15 - 150			07/14/25 11:23	07/16/25 00:30	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	10		9.3	mg/Kg		07/16/25 12:29	07/18/25 16:04	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		07/16/25 12:29	07/18/25 16:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			07/16/25 12:29	07/18/25 16:04	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		07/14/25 17:23	07/15/25 22:01	20

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-28667-1

Project/Site: Bell Lake 19 Satte 1H

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-30055/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 30187

Prep Batch: 30055

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		07/14/25 11:23	07/15/25 17:35	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	103		15 - 150	07/14/25 11:23	07/15/25 17:35	1

Lab Sample ID: LCS 885-30055/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 30187

Prep Batch: 30055

Analyte	MB	MB	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10			25.0	33.6	*+	mg/Kg		135	70 - 130

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	237		15 - 150			

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-30055/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 30186

Prep Batch: 30055

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.025	mg/Kg		07/14/25 11:23	07/15/25 17:35	1
Ethylbenzene	ND		0.050	mg/Kg		07/14/25 11:23	07/15/25 17:35	1
Toluene	ND		0.050	mg/Kg		07/14/25 11:23	07/15/25 17:35	1
Xylenes, Total	ND		0.10	mg/Kg		07/14/25 11:23	07/15/25 17:35	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	93		15 - 150	07/14/25 11:23	07/15/25 17:35	1

Lab Sample ID: LCS 885-30055/3-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 30186

Prep Batch: 30055

Analyte	MB	MB	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Result	Qualifier							
Benzene			1.00	0.956		mg/Kg		96	70 - 130
Ethylbenzene			1.00	0.958		mg/Kg		96	70 - 130
m-Xylene & p-Xylene			2.00	1.95		mg/Kg		98	70 - 130
o-Xylene			1.00	0.977		mg/Kg		98	70 - 130
Toluene			1.00	0.930		mg/Kg		93	70 - 130

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	95		15 - 150			

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-28667-1

Project/Site: Bell Lake 19 Satte 1H

Method: 8015M/D - Diesel Range Organics (DRO) (GC)**Lab Sample ID: MB 885-30231/1-A****Matrix: Solid****Analysis Batch: 30397****Client Sample ID: Method Blank****Prep Type: Total/NA****Prep Batch: 30231**

Analyte	MB	MB	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Diesel Range Organics [C10-C28]	ND				10	mg/Kg		07/16/25 12:29	07/18/25 14:50	1
Motor Oil Range Organics [C28-C40]	ND				50	mg/Kg		07/16/25 12:29	07/18/25 14:50	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Di-n-octyl phthalate (Sur)	116		62 - 134			07/16/25 12:29	07/18/25 14:50	1

Lab Sample ID: LCS 885-30231/2-A**Matrix: Solid****Analysis Batch: 30397****Client Sample ID: Lab Control Sample****Prep Type: Total/NA****Prep Batch: 30231**

Analyte	MB	MB	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits
	Result	Qualifier									
Diesel Range Organics [C10-C28]			50.0	44.3				mg/Kg		89	51 - 148
Surrogate											
Di-n-octyl phthalate (Sur)			91		62 - 134						

Method: 300.0 - Anions, Ion Chromatography**Lab Sample ID: MB 885-30097/1-A****Matrix: Solid****Analysis Batch: 30137****Client Sample ID: Method Blank****Prep Type: Total/NA****Prep Batch: 30097**

Analyte	MB	MB	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Chloride	ND				1.5	mg/Kg		07/14/25 17:23	07/15/25 12:43	1

Lab Sample ID: LCS 885-30097/2-A**Matrix: Solid****Analysis Batch: 30137****Client Sample ID: Lab Control Sample****Prep Type: Total/NA****Prep Batch: 30097**

Analyte	MB	MB	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits
	Result	Qualifier									
Chloride			15.0	15.1				mg/Kg		100	90 - 110

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-28667-1

Project/Site: Bell Lake 19 Satte 1H

GC VOA**Prep Batch: 30055**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-28667-1	Backfill	Total/NA	Solid	5030C	
MB 885-30055/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-30055/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-30055/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 30186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-28667-1	Backfill	Total/NA	Solid	8021B	30055
MB 885-30055/1-A	Method Blank	Total/NA	Solid	8021B	30055
LCS 885-30055/3-A	Lab Control Sample	Total/NA	Solid	8021B	30055

Analysis Batch: 30187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-28667-1	Backfill	Total/NA	Solid	8015M/D	30055
MB 885-30055/1-A	Method Blank	Total/NA	Solid	8015M/D	30055
LCS 885-30055/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	30055

GC Semi VOA**Prep Batch: 30231**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-28667-1	Backfill	Total/NA	Solid	SHAKE	
MB 885-30231/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-30231/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 30397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-28667-1	Backfill	Total/NA	Solid	8015M/D	30231
MB 885-30231/1-A	Method Blank	Total/NA	Solid	8015M/D	30231
LCS 885-30231/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	30231

HPLC/IC**Prep Batch: 30097**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-28667-1	Backfill	Total/NA	Solid	300_Prep	
MB 885-30097/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-30097/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 30137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-28667-1	Backfill	Total/NA	Solid	300.0	30097
MB 885-30097/1-A	Method Blank	Total/NA	Solid	300.0	30097
LCS 885-30097/2-A	Lab Control Sample	Total/NA	Solid	300.0	30097

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-28667-1

Project/Site: Bell Lake 19 Satte 1H

Client Sample ID: Backfill**Lab Sample ID: 885-28667-1**

Matrix: Solid

Date Collected: 07/08/25 12:00

Date Received: 07/12/25 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			30055	AT	EET ALB	07/14/25 11:23
Total/NA	Analysis	8015M/D		1	30187	AT	EET ALB	07/16/25 00:30
Total/NA	Prep	5030C			30055	AT	EET ALB	07/14/25 11:23
Total/NA	Analysis	8021B		1	30186	AT	EET ALB	07/16/25 00:30
Total/NA	Prep	SHAKE			30231	JM	EET ALB	07/16/25 12:29
Total/NA	Analysis	8015M/D		1	30397	DH	EET ALB	07/18/25 16:04
Total/NA	Prep	300_Prep			30097	MA	EET ALB	07/14/25 17:23
Total/NA	Analysis	300.0		20	30137	MA	EET ALB	07/15/25 22:01

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

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Eurofins Albuquerque

Accreditation/Certification Summary

Client: Vertex

Job ID: 885-28667-1

Project/Site: Bell Lake 19 Satte 1H

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-26-26

Eurofins Albuquerque

Chain-of-Custody Record

Client: Vertex Resource Group
(btll to Devon)

Mailing Address: 3101 Boyd dr
Carlsbad NM, 88220

Phone #: 575-725-5001

email or Fax#:

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other _____

EDD (Type) _____

Turn-Around Time:
 Standard Rush 5 Day

Project Name: Bell Lake 19th State 1H

Project #: _____

Project Manager: Sally Carttar

SCarttar@vertex.ca

Sampler: Katrina Taylor

On Ice: Yes No mgc

of Coolers: 1

Cooler Temp (including CF): 5.6 + 0.2 = 5.8 (C.)

Container Type and #

Preservative Type

HEAL No.

EDB (Method 504.1)

TPH:81015D(GRO / DRO / MRO)

PAHS by 8310 or 8270SIMS

RCRA 8 Metals

8081 Perchlorate/8082 PCBs

EDB (Method 504.1)

TPH:81015D(GRO / DRO / MRO)

PAHS by 8310 or 8270SIMS

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PAHS by 8310 or 8270SIMS

RCRA 8 Metals

8081 Perchlorate/8082 PCBs

EDB (Method 504.1)

TPH:81015D(GRO / DRO / MRO)

PAHS by 8310 or 8270SIMS

RCRA

APPENDIX C

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-28667-1

Login Number: 28667**List Source: Eurofins Albuquerque****List Number: 1****Creator: Casarrubias, Tracy**

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Hall Environmental Analysis Laboratory
 4901 Hawkins NE
 Albuquerque, NM 87109
 TEL: 505-345-3975 FAX: 505-345-4107
 Website: www.hallenvironmental.com

May 09, 2022

Monica Peppin
 Devon Energy
 6488 Seven Rivers Highway
 Artesia, NM 88210
 TEL: (505) 350-1336
 FAX

RE: Bell Lake 19 1H

OrderNo.: 2204B43

Dear Monica Peppin:

Hall Environmental Analysis Laboratory received 11 sample(s) on 4/27/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman'.

Andy Freeman
 Laboratory Manager
 4901 Hawkins NE
 Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2204B43
Date Reported: 5/9/2022

CLIENT: Devon Energy
Project: Bell Lake 19 1H
Lab ID: 2204B43-001 **Matrix:** SOIL

Client Sample ID: BH22-01 0'
Collection Date: 4/25/2022 10:00:00 AM
Received Date: 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	13		9.7	mg/Kg	1	5/2/2022 11:15:03 AM
Motor Oil Range Organics (MRO)	49		49	mg/Kg	1	5/2/2022 11:15:03 AM
Surr: DNOP	93.9		51.1-141	%Rec	1	5/2/2022 11:15:03 AM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND		4.7	mg/Kg	1	4/28/2022 8:35:00 PM
Surr: BFB	110		37.7-212	%Rec	1	4/28/2022 8:35:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND		0.023	mg/Kg	1	4/28/2022 8:35:00 PM
Toluene	ND		0.047	mg/Kg	1	4/28/2022 8:35:00 PM
Ethylbenzene	ND		0.047	mg/Kg	1	4/28/2022 8:35:00 PM
Xylenes, Total	ND		0.093	mg/Kg	1	4/28/2022 8:35:00 PM
Surr: 4-Bromofluorobenzene	90.3		70-130	%Rec	1	4/28/2022 8:35:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND		60	mg/Kg	20	5/3/2022 3:08:54 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2204B43
Date Reported: 5/9/2022

CLIENT: Devon Energy
Project: Bell Lake 19 1H
Lab ID: 2204B43-002 **Matrix:** SOIL

Client Sample ID: BH22-02 0'
Collection Date: 4/25/2022 10:10:00 AM
Received Date: 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	15	9.6		mg/Kg	1	5/2/2022 11:47:10 AM
Motor Oil Range Organics (MRO)	61	48		mg/Kg	1	5/2/2022 11:47:10 AM
Surr: DNOP	84.4	51.1-141		%Rec	1	5/2/2022 11:47:10 AM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/28/2022 8:54:00 PM
Surr: BFB	106	37.7-212		%Rec	1	4/28/2022 8:54:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	4/28/2022 8:54:00 PM
Toluene	ND	0.050		mg/Kg	1	4/28/2022 8:54:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	4/28/2022 8:54:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	4/28/2022 8:54:00 PM
Surr: 4-Bromofluorobenzene	85.8	70-130		%Rec	1	4/28/2022 8:54:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	5/3/2022 3:21:15 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2204B43
Date Reported: 5/9/2022

CLIENT: Devon Energy
Project: Bell Lake 19 1H
Lab ID: 2204B43-003 **Matrix:** SOIL

Client Sample ID: BH22-03 0'
Collection Date: 4/25/2022 10:20:00 AM
Received Date: 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	10	9.5		mg/Kg	1	5/2/2022 11:57:56 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/2/2022 11:57:56 AM
Surr: DNOP	84.3	51.1-141		%Rec	1	5/2/2022 11:57:56 AM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/28/2022 9:14:00 PM
Surr: BFB	108	37.7-212		%Rec	1	4/28/2022 9:14:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	4/28/2022 9:14:00 PM
Toluene	ND	0.048		mg/Kg	1	4/28/2022 9:14:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	4/28/2022 9:14:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	4/28/2022 9:14:00 PM
Surr: 4-Bromofluorobenzene	87.2	70-130		%Rec	1	4/28/2022 9:14:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	5/3/2022 4:22:58 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2204B43
Date Reported: 5/9/2022

CLIENT: Devon Energy
Project: Bell Lake 19 1H
Lab ID: 2204B43-004 **Matrix:** SOIL

Client Sample ID: BH22-04 0'
Collection Date: 4/25/2022 10:30:00 AM
Received Date: 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/2/2022 1:30:58 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/2/2022 1:30:58 PM
Surr: DNOP	82.0	51.1-141		%Rec	1	5/2/2022 1:30:58 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/28/2022 9:34:00 PM
Surr: BFB	108	37.7-212		%Rec	1	4/28/2022 9:34:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	4/28/2022 9:34:00 PM
Toluene	ND	0.048		mg/Kg	1	4/28/2022 9:34:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	4/28/2022 9:34:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	4/28/2022 9:34:00 PM
Surr: 4-Bromofluorobenzene	87.9	70-130		%Rec	1	4/28/2022 9:34:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	62	60		mg/Kg	20	5/3/2022 4:35:19 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2204B43
Date Reported: 5/9/2022

CLIENT: Devon Energy
Project: Bell Lake 19 1H
Lab ID: 2204B43-005 **Matrix:** SOIL

Client Sample ID: BH22-05 0'
Collection Date: 4/25/2022 10:40:00 AM
Received Date: 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/2/2022 2:13:09 PM
Motor Oil Range Organics (MRO)	51	49		mg/Kg	1	5/2/2022 2:13:09 PM
Surr: DNOP	57.3	51.1-141		%Rec	1	5/2/2022 2:13:09 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/28/2022 9:53:00 PM
Surr: BFB	106	37.7-212		%Rec	1	4/28/2022 9:53:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	4/28/2022 9:53:00 PM
Toluene	ND	0.048		mg/Kg	1	4/28/2022 9:53:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	4/28/2022 9:53:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	4/28/2022 9:53:00 PM
Surr: 4-Bromofluorobenzene	85.4	70-130		%Rec	1	4/28/2022 9:53:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	61		mg/Kg	20	5/3/2022 4:47:39 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2204B43
Date Reported: 5/9/2022

CLIENT: Devon Energy
Project: Bell Lake 19 1H
Lab ID: 2204B43-006 **Matrix:** SOIL

Client Sample ID: BH22-06 0'
Collection Date: 4/25/2022 10:50:00 AM
Received Date: 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/2/2022 2:26:57 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/2/2022 2:26:57 PM
Surr: DNOP	55.3	51.1-141		%Rec	1	5/2/2022 2:26:57 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/28/2022 10:13:00 PM
Surr: BFB	103	37.7-212		%Rec	1	4/28/2022 10:13:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.023		mg/Kg	1	4/28/2022 10:13:00 PM
Toluene	ND	0.046		mg/Kg	1	4/28/2022 10:13:00 PM
Ethylbenzene	ND	0.046		mg/Kg	1	4/28/2022 10:13:00 PM
Xylenes, Total	ND	0.092		mg/Kg	1	4/28/2022 10:13:00 PM
Surr: 4-Bromofluorobenzene	86.0	70-130		%Rec	1	4/28/2022 10:13:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	340	60		mg/Kg	20	5/3/2022 4:59:59 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2204B43
Date Reported: 5/9/2022

CLIENT: Devon Energy
Project: Bell Lake 19 1H
Lab ID: 2204B43-007 **Matrix:** SOIL

Client Sample ID: BH22-07 0'
Collection Date: 4/25/2022 12:30:00 PM
Received Date: 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/2/2022 2:40:51 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/2/2022 2:40:51 PM
Surr: DNOP	52.1	51.1-141		%Rec	1	5/2/2022 2:40:51 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/28/2022 10:33:00 PM
Surr: BFB	106	37.7-212		%Rec	1	4/28/2022 10:33:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	4/28/2022 10:33:00 PM
Toluene	ND	0.049		mg/Kg	1	4/28/2022 10:33:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	4/28/2022 10:33:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	4/28/2022 10:33:00 PM
Surr: 4-Bromofluorobenzene	87.3	70-130		%Rec	1	4/28/2022 10:33:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	71	60		mg/Kg	20	5/3/2022 5:12:20 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2204B43
Date Reported: 5/9/2022

CLIENT: Devon Energy
Project: Bell Lake 19 1H
Lab ID: 2204B43-008 **Matrix:** SOIL

Client Sample ID: BH22-08 0'
Collection Date: 4/25/2022 12:40:00 PM
Received Date: 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/2/2022 2:54:42 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/2/2022 2:54:42 PM
Surr: DNOP	57.2	51.1-141		%Rec	1	5/2/2022 2:54:42 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/28/2022 10:52:00 PM
Surr: BFB	105	37.7-212		%Rec	1	4/28/2022 10:52:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	4/28/2022 10:52:00 PM
Toluene	ND	0.048		mg/Kg	1	4/28/2022 10:52:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	4/28/2022 10:52:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	4/28/2022 10:52:00 PM
Surr: 4-Bromofluorobenzene	86.1	70-130		%Rec	1	4/28/2022 10:52:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	75	60		mg/Kg	20	5/3/2022 5:24:41 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2204B43

Date Reported: 5/9/2022

CLIENT: Devon Energy**Client Sample ID:** BH22-09 0'**Project:** Bell Lake 19 1H**Collection Date:** 4/25/2022 12:50:00 PM**Lab ID:** 2204B43-009**Matrix:** SOIL**Received Date:** 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	9.9		9.4	mg/Kg	1	5/2/2022 9:44:05 PM
Motor Oil Range Organics (MRO)	ND		47	mg/Kg	1	5/2/2022 9:44:05 PM
Surr: DNOP	82.5		51.1-141	%Rec	1	5/2/2022 9:44:05 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND		4.8	mg/Kg	1	4/28/2022 11:12:00 PM
Surr: BFB	106		37.7-212	%Rec	1	4/28/2022 11:12:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND		0.024	mg/Kg	1	4/28/2022 11:12:00 PM
Toluene	ND		0.048	mg/Kg	1	4/28/2022 11:12:00 PM
Ethylbenzene	ND		0.048	mg/Kg	1	4/28/2022 11:12:00 PM
Xylenes, Total	ND		0.096	mg/Kg	1	4/28/2022 11:12:00 PM
Surr: 4-Bromofluorobenzene	84.8		70-130	%Rec	1	4/28/2022 11:12:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	72		59	mg/Kg	20	5/4/2022 1:23:41 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2204B43

Date Reported: 5/9/2022

CLIENT: Devon Energy**Client Sample ID:** BH22-10 0'**Project:** Bell Lake 19 1H**Collection Date:** 4/25/2022 1:00:00 PM**Lab ID:** 2204B43-010**Matrix:** SOIL**Received Date:** 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/30/2022 6:06:34 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/30/2022 6:06:34 AM
Surr: DNOP	62.4	51.1-141		%Rec	1	4/30/2022 6:06:34 AM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/29/2022 4:07:00 PM
Surr: BFB	105	37.7-212		%Rec	1	4/29/2022 4:07:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	4/29/2022 4:07:00 PM
Toluene	ND	0.049		mg/Kg	1	4/29/2022 4:07:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	4/29/2022 4:07:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	4/29/2022 4:07:00 PM
Surr: 4-Bromofluorobenzene	87.4	70-130		%Rec	1	4/29/2022 4:07:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	69	60		mg/Kg	20	5/4/2022 1:36:05 AM

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

Qualifiers:

* Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative 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

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Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2204B43

Date Reported: 5/9/2022

CLIENT: Devon Energy**Client Sample ID:** BH22-11 0'**Project:** Bell Lake 19 1H**Collection Date:** 4/25/2022 1:10:00 PM**Lab ID:** 2204B43-011**Matrix:** SOIL**Received Date:** 4/27/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/2/2022 11:19:01 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/2/2022 11:19:01 PM
Surr: DNOP	84.5	51.1-141		%Rec	1	5/2/2022 11:19:01 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/29/2022 5:06:00 PM
Surr: BFB	108	37.7-212		%Rec	1	4/29/2022 5:06:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	4/29/2022 5:06:00 PM
Toluene	ND	0.048		mg/Kg	1	4/29/2022 5:06:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	4/29/2022 5:06:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	4/29/2022 5:06:00 PM
Surr: 4-Bromofluorobenzene	85.2	70-130		%Rec	1	4/29/2022 5:06:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	74	60		mg/Kg	20	5/4/2022 1:48:29 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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204B43

09-May-22

Client: Devon Energy
Project: Bell Lake 19 1H

Sample ID: MB-67220	SampType: mblk	TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 67220	RunNo: 87697							
Prep Date: 5/3/2022	Analysis Date: 5/4/2022	SeqNo: 3105990 Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit
Chloride	ND	1.5							Qual

Sample ID: LCS-67220	SampType: lcs	TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 67220	RunNo: 87697							
Prep Date: 5/3/2022	Analysis Date: 5/4/2022	SeqNo: 3105991 Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit
Chloride	14	1.5	15.00	0	94.0	90	110		Qual

Sample ID: MB-67219	SampType: mblk	TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 67219	RunNo: 87695							
Prep Date: 5/3/2022	Analysis Date: 5/3/2022	SeqNo: 3106788 Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit
Chloride	ND	1.5							Qual

Sample ID: LCS-67219	SampType: lcs	TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 67219	RunNo: 87695							
Prep Date: 5/3/2022	Analysis Date: 5/3/2022	SeqNo: 3106789 Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit
Chloride	14	1.5	15.00	0	91.4	90	110		Qual

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204B43

09-May-22

Client: Devon Energy
Project: Bell Lake 19 1H

Sample ID: MB-67164	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batch ID: 67164	RunNo: 87649									
Prep Date: 4/29/2022	Analysis Date: 5/2/2022	SeqNo: 3103102 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	9.0		10.00		89.8	51.1	141				
Sample ID: LCS-67164	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch ID: 67164	RunNo: 87649									
Prep Date: 4/29/2022	Analysis Date: 5/2/2022	SeqNo: 3103103 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	46	10	50.00	0	92.6	68.9	135				
Surr: DNOP	3.2		5.000		63.2	51.1	141				
Sample ID: 2204B43-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: BH22-01 0'	Batch ID: 67164	RunNo: 87649									
Prep Date: 4/29/2022	Analysis Date: 5/2/2022	SeqNo: 3103106 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	46	9.7	48.69	13.09	68.3	36.1	154				
Surr: DNOP	3.0		4.869		61.6	51.1	141				
Sample ID: 2204B43-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: BH22-01 0'	Batch ID: 67164	RunNo: 87649									
Prep Date: 4/29/2022	Analysis Date: 5/2/2022	SeqNo: 3103107 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	48	9.5	47.44	13.09	74.6	36.1	154	4.56	33.9		
Surr: DNOP	3.2		4.744		68.3	51.1	141	0	0		
Sample ID: MB-67148	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batch ID: 67148	RunNo: 87613									
Prep Date: 4/28/2022	Analysis Date: 4/30/2022	SeqNo: 3103228 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	5.3		10.00		53.4	51.1	141				

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204B43

09-May-22

Client: Devon Energy
Project: Bell Lake 19 1H

Sample ID: MB-67168	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 67168	RunNo: 87654								
Prep Date: 4/29/2022	Analysis Date: 5/2/2022	SeqNo: 3103431 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6	10.00			96.2	51.1	141			

Sample ID: 2204B43-004AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: BH22-04 0'	Batch ID: 67168	RunNo: 87654								
Prep Date: 4/29/2022	Analysis Date: 5/2/2022	SeqNo: 3103434 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)	38	9.9	49.36	0	76.3	36.1	154			
Surr: DNOP	4.0		4.936		81.5	51.1	141			

Sample ID: 2204B43-004AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: BH22-04 0'	Batch ID: 67168	RunNo: 87654								
Prep Date: 4/29/2022	Analysis Date: 5/2/2022	SeqNo: 3103435 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)	40	9.8	49.16	0	80.4	36.1	154	4.75	33.9	
Surr: DNOP	3.5		4.916		70.5	51.1	141	0	0	

Sample ID: LCS-67148	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 67148	RunNo: 87659								
Prep Date: 4/28/2022	Analysis Date: 5/2/2022	SeqNo: 3103768 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)	57	10	50.00	0	113	68.9	135			
Surr: DNOP	5.4		5.000		108	51.1	141			

Sample ID: 2204B43-010AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: BH22-10 0'	Batch ID: 67148	RunNo: 87659								
Prep Date: 4/28/2022	Analysis Date: 5/2/2022	SeqNo: 3103876 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)	37	9.3	46.73	6.239	65.0	36.1	154			
Surr: DNOP	2.6		4.673		56.0	51.1	141			

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 Quantitative Limit	RL	Reporting Limit							
S	% Recovery outside of range due to dilution or matrix interference									

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204B43

09-May-22

Client: Devon Energy
Project: Bell Lake 19 1H

Sample ID: 2204B43-010AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: BH22-10 0'	Batch ID: 67148	RunNo: 87659									
Prep Date: 4/28/2022	Analysis Date: 5/2/2022	SeqNo: 3103878 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	59	9.7	48.54	6.239	109	36.1	154	47.3	33.9	R	
Surr: DNOP	5.1		4.854		105	51.1	141	0	0		

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 Quantitative 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

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204B43

09-May-22

Client: Devon Energy
Project: Bell Lake 19 1H

Sample ID: Ics-67115	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 67115	RunNo: 87610								
Prep Date: 4/27/2022	Analysis Date: 4/28/2022	SeqNo: 3100473 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	117	72.3	137			
Surr: BFB	2300		1000		230	37.7	212			S
Sample ID: mb-67115	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 67115	RunNo: 87610								
Prep Date: 4/27/2022	Analysis Date: 4/28/2022	SeqNo: 3100474 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		106	37.7	212			
Sample ID: Ics-67121	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 67121	RunNo: 87627								
Prep Date: 4/27/2022	Analysis Date: 4/29/2022	SeqNo: 3102557 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	111	72.3	137			
Surr: BFB	2300		1000		228	37.7	212			S
Sample ID: mb-67121	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 67121	RunNo: 87627								
Prep Date: 4/27/2022	Analysis Date: 4/29/2022	SeqNo: 3102558 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		103	37.7	212			
Sample ID: 2204b43-010ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: BH22-10 0'	Batch ID: 67121	RunNo: 87627								
Prep Date: 4/27/2022	Analysis Date: 4/29/2022	SeqNo: 3102569 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	4.9	24.46	0	109	70	130			
Surr: BFB	2100		978.5		218	37.7	212			S
Sample ID: 2204b43-010amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: BH22-10 0'	Batch ID: 67121	RunNo: 87627								
Prep Date: 4/27/2022	Analysis Date: 4/29/2022	SeqNo: 3102570 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204B43

09-May-22

Client: Devon Energy
Project: Bell Lake 19 1H

Sample ID: 2204b43-010amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range									
Client ID: BH22-10 0'	Batch ID: 67121	RunNo: 87627									
Prep Date: 4/27/2022	Analysis Date: 4/29/2022	SeqNo: 3102570 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	28	4.9	24.27	0	114	70	130	3.24	20		
Surr: BFB	2200		970.9		231	37.7	212	0	0	S	

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204B43

09-May-22

Client: Devon Energy
Project: Bell Lake 19 1H

Sample ID: Ics-67115	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 67115	RunNo: 87610								
Prep Date: 4/27/2022	Analysis Date: 4/28/2022	SeqNo: 3100521 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Benzene	0.93	0.025	1.000	0	92.6	80	120			
Toluene	0.95	0.050	1.000	0	95.0	80	120			
Ethylbenzene	0.95	0.050	1.000	0	95.1	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.0	80	120			
Surr: 4-Bromofluorobenzene	0.86		1.000		86.5	70	130			

Sample ID: mb-67115	SampType: MLBK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 67115	RunNo: 87610								
Prep Date: 4/27/2022	Analysis Date: 4/28/2022	SeqNo: 3100522 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.86		1.000		86.0	70	130			

Sample ID: Ics-67121	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 67121	RunNo: 87627								
Prep Date: 4/27/2022	Analysis Date: 4/29/2022	SeqNo: 3102590 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.025	1.000	0	84.2	80	120			
Toluene	0.86	0.050	1.000	0	86.3	80	120			
Ethylbenzene	0.87	0.050	1.000	0	86.9	80	120			
Xylenes, Total	2.6	0.10	3.000	0	87.5	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		90.2	70	130			

Sample ID: mb-67121	SampType: MLBK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 67121	RunNo: 87627								
Prep Date: 4/27/2022	Analysis Date: 4/29/2022	SeqNo: 3102591 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.84		1.000		84.5	70	130			

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 Quantitative 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									

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204B43

09-May-22

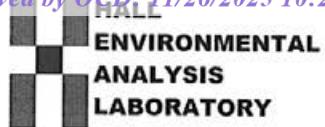
Client: Devon Energy
Project: Bell Lake 19 1H

Sample ID: 2204b43-011ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH22-11 0'	Batch ID: 67121	RunNo: 87627								
Prep Date: 4/27/2022	Analysis Date: 4/29/2022	SeqNo: 3102603 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.024	0.9709	0	88.5	68.8	120			
Toluene	0.89	0.049	0.9709	0	91.2	73.6	124			
Ethylbenzene	0.89	0.049	0.9709	0	92.2	72.7	129			
Xylenes, Total	2.7	0.097	2.913	0	91.9	75.7	126			
Surr: 4-Bromofluorobenzene	0.82		0.9709		84.6	70	130			

Sample ID: 2204b43-011amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH22-11 0'	Batch ID: 67121	RunNo: 87627								
Prep Date: 4/27/2022	Analysis Date: 4/29/2022	SeqNo: 3102604 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.024	0.9728	0	89.9	68.8	120	1.74	20	
Toluene	0.90	0.049	0.9728	0	92.6	73.6	124	1.76	20	
Ethylbenzene	0.91	0.049	0.9728	0	93.9	72.7	129	2.01	20	
Xylenes, Total	2.7	0.097	2.918	0	93.8	75.7	126	2.21	20	
Surr: 4-Bromofluorobenzene	0.83		0.9728		85.0	70	130	0	0	

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 Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

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Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Devon Energy

Work Order Number: 2204B43

RcptNo: 1

Received By: Juan Rojas 4/27/2022 7:10:00 AM

Juan Rojas

Completed By: Tracy Casarrubias 4/27/2022 9:09:21 AM

Reviewed By: KPG 4/27/22

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present

2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes No NA

4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA

5. Sample(s) in proper container(s)? Yes No

6. Sufficient sample volume for indicated test(s)? Yes No

7. Are samples (except VOA and ONG) properly preserved? Yes No

8. Was preservative added to bottles? Yes No NA

9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA

10. Were any sample containers received broken? Yes No

11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes No

12. Are matrices correctly identified on Chain of Custody? Yes No

13. Is it clear what analyses were requested? Yes No

14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes No

of preserved bottles checked for pH:
(<2 or >12 unless noted)

Adjusted?

Checked by:

JN 4/27/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.5.	Good	Yes			

Chain-of-Custody Record

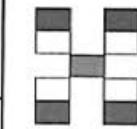
Client:	DEVON		
Mailing Address:	ON FILE		
Phone #:			
email or Fax#:			
QA/QC Package:	<input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)		
Accreditation:	<input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC <input type="checkbox"/> Other <input type="checkbox"/> EDD (Type)		

Turn-Around Time:	5-Day
<input type="checkbox"/> Standard	<input checked="" type="checkbox"/> Rush
Project Name:	BELL LAKE 19 #1H
Project #:	22E-01100
Project Manager:	Monica Peppin
Sampler:	Chance Dixon
On Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
# of Coolers:	1
Cooler Temp (including CF):	0.2+0.3=0.5 (°C)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)		TPH:8015(D/GR0 / DR0 / MRO)		8260 (V/VA)		8270 (Semi-VOA)		Total Coliform (Presen/Absen)		
							PAHs by 8310 or 8270SIMS	EDB (Method 504.1)	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8081 Pesticides/8082 PCBs	PAHs by 8310 or 8270SIMS	EDB (Method 504.1)	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (V/VA)	8270 (Semi-VOA)
4/25	10:00	SO11	BH22-01 0'	4oz	ICE	001											
	10:10		BH22-02 0'			002											
	10:20		BH22-03 0'			003											
	10:30		BH22-04 0'			004											
	10:40		BH22-05 0'			005											
	10:50		BH22-06 0'			006											
	12:30		BH22-07 0'			007											
	12:40		BH22-08 0'			008											
	12:50		BH22-09 0'			009											
	1:00		BH22-10 0'			010											
	1:10		BH22-11 0'			011											

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time	Remarks:
4/25	19:00	Running	Running	4/26/22	7:15		CC: Chance Dixon
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time	Remarks:
4/26	19:00	Running	John Woodall	4/27/22	7:10		Direct B711 Dale Woodall to Devon Energy

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly noted on the analytical report.



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 11, 2022

Monica Peppin
Devon Energy
6488 Seven Rivers Highway
Artesia, NM 88210
TEL: (575) 748-0176
FAX:

RE: Bell Lake 19 State 1 H

OrderNo.: 2204C66

Dear Monica Peppin:

Hall Environmental Analysis Laboratory received 8 sample(s) on 4/28/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2204C66

Date Reported: 5/11/2022

CLIENT: Devon Energy**Client Sample ID:** BH22-12 0'**Project:** Bell Lake 19 State 1 H**Collection Date:** 4/26/2022 9:30:00 AM**Lab ID:** 2204C66-001**Matrix:** SOIL**Received Date:** 4/28/2022 2:45:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/3/2022 5:30:44 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/3/2022 5:30:44 PM
Surr: DNOP	88.1	51.1-141		%Rec	1	5/3/2022 5:30:44 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/2/2022 2:35:07 PM
Surr: BFB	93.2	37.7-212		%Rec	1	5/2/2022 2:35:07 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	5/2/2022 2:35:07 PM
Toluene	ND	0.049		mg/Kg	1	5/2/2022 2:35:07 PM
Ethylbenzene	ND	0.049		mg/Kg	1	5/2/2022 2:35:07 PM
Xylenes, Total	ND	0.098		mg/Kg	1	5/2/2022 2:35:07 PM
Surr: 4-Bromofluorobenzene	93.1	70-130		%Rec	1	5/2/2022 2:35:07 PM
EPA METHOD 300.0: ANIONS						
Chloride	15000	600		mg/Kg	200	5/5/2022 10:50:19 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2204C66
Date Reported: 5/11/2022

CLIENT: Devon Energy	Client Sample ID: BH22-12 2'				
Project: Bell Lake 19 State 1 H	Collection Date: 4/26/2022 9:35:00 AM				
Lab ID: 2204C66-002	Matrix: SOIL		Received Date: 4/28/2022 2:45:00 PM		
Analyses	Result	RL	Qual	Units	DF
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	5/3/2022 5:55:00 PM
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	5/3/2022 5:55:00 PM
Surr: DNOP	78.0	51.1-141	%Rec	1	5/3/2022 5:55:00 PM
EPA METHOD 8015D: GASOLINE RANGE					
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/2/2022 2:58:54 PM
Surr: BFB	95.0	37.7-212	%Rec	1	5/2/2022 2:58:54 PM
EPA METHOD 8021B: VOLATILES					
Benzene	ND	0.024	mg/Kg	1	5/2/2022 2:58:54 PM
Toluene	ND	0.047	mg/Kg	1	5/2/2022 2:58:54 PM
Ethylbenzene	ND	0.047	mg/Kg	1	5/2/2022 2:58:54 PM
Xylenes, Total	ND	0.095	mg/Kg	1	5/2/2022 2:58:54 PM
Surr: 4-Bromofluorobenzene	93.9	70-130	%Rec	1	5/2/2022 2:58:54 PM
EPA METHOD 300.0: ANIONS					
Chloride	230	60	mg/Kg	20	5/4/2022 10:23:21 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2204C66
Date Reported: 5/11/2022

CLIENT: Devon Energy	Client Sample ID: BH22-13 0'				
Project: Bell Lake 19 State 1 H	Collection Date: 4/26/2022 9:50:00 AM				
Lab ID: 2204C66-003	Matrix: SOIL		Received Date: 4/28/2022 2:45:00 PM		
Analyses	Result	RL	Qual	Units	DF
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					
Diesel Range Organics (DRO)	47	9.4	mg/Kg	1	5/3/2022 6:19:28 PM
Motor Oil Range Organics (MRO)	74	47	mg/Kg	1	5/3/2022 6:19:28 PM
Surr: DNOP	104	51.1-141	%Rec	1	5/3/2022 6:19:28 PM
EPA METHOD 8015D: GASOLINE RANGE					
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/2/2022 4:32:46 PM
Surr: BFB	102	37.7-212	%Rec	1	5/2/2022 4:32:46 PM
EPA METHOD 8021B: VOLATILES					
Benzene	ND	0.024	mg/Kg	1	5/2/2022 4:32:46 PM
Toluene	ND	0.049	mg/Kg	1	5/2/2022 4:32:46 PM
Ethylbenzene	ND	0.049	mg/Kg	1	5/2/2022 4:32:46 PM
Xylenes, Total	ND	0.097	mg/Kg	1	5/2/2022 4:32:46 PM
Surr: 4-Bromofluorobenzene	96.8	70-130	%Rec	1	5/2/2022 4:32:46 PM
EPA METHOD 300.0: ANIONS					
Chloride	11000	600	mg/Kg	200	5/5/2022 11:02:39 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2204C66
Date Reported: 5/11/2022

CLIENT: Devon Energy **Client Sample ID:** BH22-13 4'
Project: Bell Lake 19 State 1 H **Collection Date:** 4/26/2022 10:00:00 AM
Lab ID: 2204C66-004 **Matrix:** SOIL **Received Date:** 4/28/2022 2:45:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	34	9.5		mg/Kg	1	5/3/2022 6:44:02 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/3/2022 6:44:02 PM
Surr: DNOP	95.0	51.1-141		%Rec	1	5/3/2022 6:44:02 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/2/2022 4:56:14 PM
Surr: BFB	96.7	37.7-212		%Rec	1	5/2/2022 4:56:14 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	5/2/2022 4:56:14 PM
Toluene	ND	0.048		mg/Kg	1	5/2/2022 4:56:14 PM
Ethylbenzene	ND	0.048		mg/Kg	1	5/2/2022 4:56:14 PM
Xylenes, Total	ND	0.097		mg/Kg	1	5/2/2022 4:56:14 PM
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	1	5/2/2022 4:56:14 PM
EPA METHOD 300.0: ANIONS						
Chloride	4800	150		mg/Kg	50	5/5/2022 11:15:00 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 Quantitative 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

Page 4 of 12

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2204C66
Date Reported: 5/11/2022

CLIENT: Devon Energy **Client Sample ID:** BH22-13 8'
Project: Bell Lake 19 State 1 H **Collection Date:** 4/26/2022 10:30:00 AM
Lab ID: 2204C66-005 **Matrix:** SOIL **Received Date:** 4/28/2022 2:45:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/3/2022 7:08:36 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/3/2022 7:08:36 PM
Surr: DNOP	92.2	51.1-141		%Rec	1	5/3/2022 7:08:36 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/2/2022 5:19:52 PM
Surr: BFB	97.7	37.7-212		%Rec	1	5/2/2022 5:19:52 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	5/2/2022 5:19:52 PM
Toluene	ND	0.048		mg/Kg	1	5/2/2022 5:19:52 PM
Ethylbenzene	ND	0.048		mg/Kg	1	5/2/2022 5:19:52 PM
Xylenes, Total	ND	0.096		mg/Kg	1	5/2/2022 5:19:52 PM
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	5/2/2022 5:19:52 PM
EPA METHOD 300.0: ANIONS						
Chloride	330	60		mg/Kg	20	5/4/2022 11:00:35 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
 Lab Order 2204C66
 Date Reported: 5/11/2022

CLIENT: Devon Energy **Client Sample ID:** BH22-14 0'
Project: Bell Lake 19 State 1 H **Collection Date:** 4/26/2022 10:10:00 AM
Lab ID: 2204C66-006 **Matrix:** SOIL **Received Date:** 4/28/2022 2:45:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/3/2022 7:33:25 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/3/2022 7:33:25 PM
Surr: DNOP	95.7	51.1-141		%Rec	1	5/3/2022 7:33:25 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	5/2/2022 5:43:19 PM
Surr: BFB	98.5	37.7-212		%Rec	1	5/2/2022 5:43:19 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	5/2/2022 5:43:19 PM
Toluene	ND	0.047		mg/Kg	1	5/2/2022 5:43:19 PM
Ethylbenzene	ND	0.047		mg/Kg	1	5/2/2022 5:43:19 PM
Xylenes, Total	ND	0.094		mg/Kg	1	5/2/2022 5:43:19 PM
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	5/2/2022 5:43:19 PM
EPA METHOD 300.0: ANIONS						
Chloride	7500	300		mg/Kg	100	5/5/2022 11:27:22 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2204C66
Date Reported: 5/11/2022

CLIENT: Devon Energy	Client Sample ID: BH22-14 4'				
Project: Bell Lake 19 State 1 H	Collection Date: 4/26/2022 10:20:00 AM				
Lab ID: 2204C66-007	Matrix: SOIL		Received Date: 4/28/2022 2:45:00 PM		
Analyses		Result	RL	Qual	Units
					DF
					Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst: ED
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	5/3/2022 7:58:03 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/3/2022 7:58:03 PM
Surr: DNOP	91.0	51.1-141	%Rec	1	5/3/2022 7:58:03 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	5/2/2022 6:06:43 PM
Surr: BFB	98.5	37.7-212	%Rec	1	5/2/2022 6:06:43 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	5/2/2022 6:06:43 PM
Toluene	ND	0.047	mg/Kg	1	5/2/2022 6:06:43 PM
Ethylbenzene	ND	0.047	mg/Kg	1	5/2/2022 6:06:43 PM
Xylenes, Total	ND	0.095	mg/Kg	1	5/2/2022 6:06:43 PM
Surr: 4-Bromofluorobenzene	97.1	70-130	%Rec	1	5/2/2022 6:06:43 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	4900	150	mg/Kg	50	5/5/2022 11:39:42 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2204C66
Date Reported: 5/11/2022

CLIENT: Devon Energy	Client Sample ID: BH22-14 8'				
Project: Bell Lake 19 State 1 H	Collection Date: 4/26/2022 10:35:00 AM				
Lab ID: 2204C66-008	Matrix: SOIL		Received Date: 4/28/2022 2:45:00 PM		
Analyses		Result	RL	Qual	Units
					DF
					Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst: ED
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	5/3/2022 8:22:34 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	5/3/2022 8:22:34 PM
Surr: DNOP	88.9	51.1-141	%Rec	1	5/3/2022 8:22:34 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/2/2022 6:30:05 PM
Surr: BFB	96.7	37.7-212	%Rec	1	5/2/2022 6:30:05 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	5/2/2022 6:30:05 PM
Toluene	ND	0.050	mg/Kg	1	5/2/2022 6:30:05 PM
Ethylbenzene	ND	0.050	mg/Kg	1	5/2/2022 6:30:05 PM
Xylenes, Total	ND	0.10	mg/Kg	1	5/2/2022 6:30:05 PM
Surr: 4-Bromofluorobenzene	95.8	70-130	%Rec	1	5/2/2022 6:30:05 PM
EPA METHOD 300.0: ANIONS					Analyst: JMT
Chloride	320	60	mg/Kg	20	5/5/2022 12:02:36 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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204C66

11-May-22

Client: Devon Energy**Project:** Bell Lake 19 State 1 H

Sample ID: MB-67266	SampType: mblk	TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 67266	RunNo: 87761
Prep Date: 5/4/2022	Analysis Date: 5/4/2022	SeqNo: 3108607 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND	1.5

Sample ID: LCS-67266	SampType: lcs	TestCode: EPA Method 300.0: Anions
Client ID: LCSS	Batch ID: 67266	RunNo: 87761
Prep Date: 5/4/2022	Analysis Date: 5/4/2022	SeqNo: 3108608 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	14	1.5 15.00 0 94.1 90 110

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204C66

11-May-22

Client: Devon Energy**Project:** Bell Lake 19 State 1 H

Sample ID: MB-67173	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batch ID: 67173	RunNo: 87671									
Prep Date: 4/29/2022	Analysis Date: 5/3/2022	SeqNo: 3104297 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	5.3		10.00		52.8	51.1	141				

Sample ID: LCS-67173	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch ID: 67173	RunNo: 87671									
Prep Date: 4/29/2022	Analysis Date: 5/3/2022	SeqNo: 3106761 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	46	10	50.00	0	92.7	68.9	135				
Surr: DNOP	2.6		5.000		52.5	51.1	141				

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204C66

11-May-22

Client: Devon Energy**Project:** Bell Lake 19 State 1 H

Sample ID: mb-67165	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range									
Client ID: PBS	Batch ID: 67165	RunNo: 87658									
Prep Date: 4/29/2022	Analysis Date: 5/2/2022	SeqNo: 3103516 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	ND	5.0									
Sur: BFB	980		1000		97.9	37.7	212				

Sample ID: Ics-67165	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range									
Client ID: LCSS	Batch ID: 67165	RunNo: 87658									
Prep Date: 4/29/2022	Analysis Date: 5/2/2022	SeqNo: 3103517 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	24	5.0	25.00	0	94.5	72.3	137				
Sur: BFB	2000		1000		200	37.7	212				

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204C66

11-May-22

Client: Devon Energy**Project:** Bell Lake 19 State 1 H

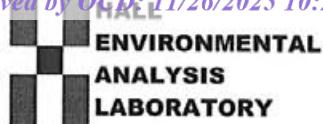
Sample ID: mb-67165	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 67165	RunNo: 87658								
Prep Date: 4/29/2022	Analysis Date: 5/2/2022	SeqNo: 3103563 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.95		1.000		95.4	70	130			

Sample ID: LCS-67165	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 67165	RunNo: 87658								
Prep Date: 4/29/2022	Analysis Date: 5/2/2022	SeqNo: 3103564 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.80	0.025	1.000	0	80.1	80	120			
Toluene	0.84	0.050	1.000	0	84.3	80	120			
Ethylbenzene	0.85	0.050	1.000	0	85.4	80	120			
Xylenes, Total	2.6	0.10	3.000	0	86.2	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		99.0	70	130			

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 Quantitative 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



Sample Log-In Check List

Client Name: Devon Energy

Work Order Number: 2204C66

RcptNo: 1

Received By: Joseph Alderette 4/28/2022 2:45:00 PM

Completed By: Tracy Casarrubias 4/28/2022 3:25:11 PM

Reviewed By: SGL 4/28/22

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present

2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes No NA

4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA

5. Sample(s) in proper container(s)? Yes No

6. Sufficient sample volume for indicated test(s)? Yes No

7. Are samples (except VOA and ONG) properly preserved? Yes No

8. Was preservative added to bottles? Yes No NA

9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA

10. Were any sample containers received broken? Yes No

11. Does paperwork match bottle labels?
 (Note discrepancies on chain of custody) Yes No

12. Are matrices correctly identified on Chain of Custody? Yes No

13. Is it clear what analyses were requested? Yes No

14. Were all holding times able to be met?
 (If no, notify customer for authorization.) Yes No

of preserved bottles checked for pH:
 (<2 or >12 unless noted)
 Adjusted?
 Checked by: M 4/28/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	6.0	Good	Yes			



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

July 20, 2022

Monica Peppin
Devon Energy
6488 Seven Rivers Highway
Artesia, NM 88210
TEL: (505) 350-1336
FAX:

RE: Bell Lake 19 State 6H

OrderNo.: 2207349

Dear Monica Peppin:

Hall Environmental Analysis Laboratory received 19 sample(s) on 7/9/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** WS22-01 0-4'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 7:50:00 AM**Lab ID:** 2207349-001**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/13/2022 4:14:09 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/13/2022 4:14:09 PM
Surr: DNOP	83.8	51.1-141		%Rec	1	7/13/2022 4:14:09 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/14/2022 7:28:00 AM
Surr: BFB	87.5	37.7-212		%Rec	1	7/14/2022 7:28:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/14/2022 7:28:00 AM
Toluene	ND	0.049		mg/Kg	1	7/14/2022 7:28:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/14/2022 7:28:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/14/2022 7:28:00 AM
Surr: 4-Bromofluorobenzene	88.9	70-130		%Rec	1	7/14/2022 7:28:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 9:17:01 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** WS22-02 0-4'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 7:55:00 AM**Lab ID:** 2207349-002**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/13/2022 4:38:00 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/13/2022 4:38:00 PM
Surr: DNOP	80.4	51.1-141		%Rec	1	7/13/2022 4:38:00 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/14/2022 7:48:00 AM
Surr: BFB	90.9	37.7-212		%Rec	1	7/14/2022 7:48:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/14/2022 7:48:00 AM
Toluene	ND	0.049		mg/Kg	1	7/14/2022 7:48:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/14/2022 7:48:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	7/14/2022 7:48:00 AM
Surr: 4-Bromofluorobenzene	90.7	70-130		%Rec	1	7/14/2022 7:48:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	110	60		mg/Kg	20	7/15/2022 9:54:15 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** WS22-03 0-4'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 7:55:00 AM**Lab ID:** 2207349-003**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/13/2022 5:01:55 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/13/2022 5:01:55 PM
Surr: DNOP	85.2	51.1-141		%Rec	1	7/13/2022 5:01:55 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/14/2022 8:07:00 AM
Surr: BFB	90.1	37.7-212		%Rec	1	7/14/2022 8:07:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/14/2022 8:07:00 AM
Toluene	ND	0.050		mg/Kg	1	7/14/2022 8:07:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	7/14/2022 8:07:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/14/2022 8:07:00 AM
Surr: 4-Bromofluorobenzene	92.2	70-130		%Rec	1	7/14/2022 8:07:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 10:06:40 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** WS22-04 2-4'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 8:00:00 AM**Lab ID:** 2207349-004**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/13/2022 5:25:50 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/13/2022 5:25:50 PM
Surr: DNOP	82.7	51.1-141		%Rec	1	7/13/2022 5:25:50 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/14/2022 8:27:00 AM
Surr: BFB	90.9	37.7-212		%Rec	1	7/14/2022 8:27:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	7/14/2022 8:27:00 AM
Toluene	ND	0.049		mg/Kg	1	7/14/2022 8:27:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/14/2022 8:27:00 AM
Xylenes, Total	ND	0.097		mg/Kg	1	7/14/2022 8:27:00 AM
Surr: 4-Bromofluorobenzene	92.4	70-130		%Rec	1	7/14/2022 8:27:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 10:19:04 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** WS22-05 0-2'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 8:00:00 AM**Lab ID:** 2207349-005**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/13/2022 5:49:52 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/13/2022 5:49:52 PM
Surr: DNOP	86.5	51.1-141		%Rec	1	7/13/2022 5:49:52 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/14/2022 8:47:00 AM
Surr: BFB	89.3	37.7-212		%Rec	1	7/14/2022 8:47:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/14/2022 8:47:00 AM
Toluene	ND	0.050		mg/Kg	1	7/14/2022 8:47:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	7/14/2022 8:47:00 AM
Xylenes, Total	ND	0.10		mg/Kg	1	7/14/2022 8:47:00 AM
Surr: 4-Bromofluorobenzene	92.2	70-130		%Rec	1	7/14/2022 8:47:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 10:31:29 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** WS22-06 0-2'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 8:05:00 AM**Lab ID:** 2207349-006**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/13/2022 6:13:48 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/13/2022 6:13:48 PM
Surr: DNOP	84.4	51.1-141		%Rec	1	7/13/2022 6:13:48 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/14/2022 9:06:00 AM
Surr: BFB	91.7	37.7-212		%Rec	1	7/14/2022 9:06:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/14/2022 9:06:00 AM
Toluene	ND	0.050		mg/Kg	1	7/14/2022 9:06:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	7/14/2022 9:06:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/14/2022 9:06:00 AM
Surr: 4-Bromofluorobenzene	93.7	70-130		%Rec	1	7/14/2022 9:06:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	ND	59		mg/Kg	20	7/15/2022 10:43:53 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** WS22-07 0-2'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 8:05:00 AM**Lab ID:** 2207349-007**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/13/2022 6:37:43 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/13/2022 6:37:43 PM
Surr: DNOP	90.2	51.1-141		%Rec	1	7/13/2022 6:37:43 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/14/2022 9:26:00 AM
Surr: BFB	93.4	37.7-212		%Rec	1	7/14/2022 9:26:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/14/2022 9:26:00 AM
Toluene	ND	0.049		mg/Kg	1	7/14/2022 9:26:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/14/2022 9:26:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	7/14/2022 9:26:00 AM
Surr: 4-Bromofluorobenzene	94.5	70-130		%Rec	1	7/14/2022 9:26:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 10:56:18 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** BS22-01 2'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 8:45:00 AM**Lab ID:** 2207349-008**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/13/2022 7:01:42 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/13/2022 7:01:42 PM
Surr: DNOP	126	51.1-141		%Rec	1	7/13/2022 7:01:42 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/14/2022 1:29:00 PM
Surr: BFB	93.0	37.7-212		%Rec	1	7/14/2022 1:29:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/14/2022 1:29:00 PM
Toluene	ND	0.050		mg/Kg	1	7/14/2022 1:29:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/14/2022 1:29:00 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/14/2022 1:29:00 PM
Surr: 4-Bromofluorobenzene	86.1	70-130		%Rec	1	7/14/2022 1:29:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 12:12:01 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** BS22-02 2'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 8:40:00 AM**Lab ID:** 2207349-009**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/13/2022 7:25:36 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/13/2022 7:25:36 PM
Surr: DNOP	86.7	51.1-141		%Rec	1	7/13/2022 7:25:36 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/14/2022 1:48:00 PM
Surr: BFB	87.5	37.7-212		%Rec	1	7/14/2022 1:48:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	7/14/2022 1:48:00 PM
Toluene	ND	0.048		mg/Kg	1	7/14/2022 1:48:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/14/2022 1:48:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/14/2022 1:48:00 PM
Surr: 4-Bromofluorobenzene	86.3	70-130		%Rec	1	7/14/2022 1:48:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 12:24:25 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** BS22-03 2'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 8:40:00 AM**Lab ID:** 2207349-010**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/13/2022 8:13:20 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/13/2022 8:13:20 PM
Surr: DNOP	86.6	51.1-141		%Rec	1	7/13/2022 8:13:20 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/14/2022 2:08:00 PM
Surr: BFB	84.2	37.7-212		%Rec	1	7/14/2022 2:08:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/14/2022 2:08:00 PM
Toluene	ND	0.050		mg/Kg	1	7/14/2022 2:08:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/14/2022 2:08:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/14/2022 2:08:00 PM
Surr: 4-Bromofluorobenzene	83.4	70-130		%Rec	1	7/14/2022 2:08:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 12:36:50 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** BS22-04 4'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 8:25:00 AM**Lab ID:** 2207349-011**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/13/2022 8:37:18 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/13/2022 8:37:18 PM
Surr: DNOP	85.5	51.1-141		%Rec	1	7/13/2022 8:37:18 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/14/2022 2:28:00 PM
Surr: BFB	83.7	37.7-212		%Rec	1	7/14/2022 2:28:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/14/2022 2:28:00 PM
Toluene	ND	0.049		mg/Kg	1	7/14/2022 2:28:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/14/2022 2:28:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/14/2022 2:28:00 PM
Surr: 4-Bromofluorobenzene	83.8	70-130		%Rec	1	7/14/2022 2:28:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	210	60		mg/Kg	20	7/15/2022 2:11:15 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** BS22-05 4'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 8:30:00 AM**Lab ID:** 2207349-012**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/13/2022 9:01:17 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/13/2022 9:01:17 PM
Surr: DNOP	87.7	51.1-141		%Rec	1	7/13/2022 9:01:17 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/14/2022 2:48:00 PM
Surr: BFB	82.1	37.7-212		%Rec	1	7/14/2022 2:48:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/14/2022 2:48:00 PM
Toluene	ND	0.050		mg/Kg	1	7/14/2022 2:48:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/14/2022 2:48:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/14/2022 2:48:00 PM
Surr: 4-Bromofluorobenzene	83.4	70-130		%Rec	1	7/14/2022 2:48:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	79	59		mg/Kg	20	7/15/2022 2:39:51 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 Quantitative 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

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Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** BS22-06 4'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 8:30:00 AM**Lab ID:** 2207349-013**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/13/2022 9:25:10 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/13/2022 9:25:10 PM
Surr: DNOP	89.1	51.1-141		%Rec	1	7/13/2022 9:25:10 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/14/2022 3:08:00 PM
Surr: BFB	81.3	37.7-212		%Rec	1	7/14/2022 3:08:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/14/2022 3:08:00 PM
Toluene	ND	0.050		mg/Kg	1	7/14/2022 3:08:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/14/2022 3:08:00 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/14/2022 3:08:00 PM
Surr: 4-Bromofluorobenzene	83.7	70-130		%Rec	1	7/14/2022 3:08:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 2:52:15 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** BS22-07 4'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 8:35:00 AM**Lab ID:** 2207349-014**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/13/2022 9:49:01 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/13/2022 9:49:01 PM
Surr: DNOP	81.6	51.1-141		%Rec	1	7/13/2022 9:49:01 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/14/2022 3:28:00 PM
Surr: BFB	84.2	37.7-212		%Rec	1	7/14/2022 3:28:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/14/2022 3:28:00 PM
Toluene	ND	0.050		mg/Kg	1	7/14/2022 3:28:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/14/2022 3:28:00 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/14/2022 3:28:00 PM
Surr: 4-Bromofluorobenzene	82.7	70-130		%Rec	1	7/14/2022 3:28:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 3:04:39 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** BS22-08 4'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 8:35:00 AM**Lab ID:** 2207349-015**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/13/2022 10:12:53 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/13/2022 10:12:53 PM
Surr: DNOP	82.0	51.1-141		%Rec	1	7/13/2022 10:12:53 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/14/2022 4:08:00 PM
Surr: BFB	81.8	37.7-212		%Rec	1	7/14/2022 4:08:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/14/2022 4:08:00 PM
Toluene	ND	0.050		mg/Kg	1	7/14/2022 4:08:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/14/2022 4:08:00 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/14/2022 4:08:00 PM
Surr: 4-Bromofluorobenzene	83.1	70-130		%Rec	1	7/14/2022 4:08:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 3:17:04 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** BS22-09 2'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 9:10:00 AM**Lab ID:** 2207349-016**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	27	15		mg/Kg	1	7/13/2022 10:36:50 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/13/2022 10:36:50 PM
Surr: DNOP	86.1	51.1-141		%Rec	1	7/13/2022 10:36:50 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/14/2022 4:27:00 PM
Surr: BFB	84.9	37.7-212		%Rec	1	7/14/2022 4:27:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/14/2022 4:27:00 PM
Toluene	ND	0.049		mg/Kg	1	7/14/2022 4:27:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/14/2022 4:27:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/14/2022 4:27:00 PM
Surr: 4-Bromofluorobenzene	82.5	70-130		%Rec	1	7/14/2022 4:27:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 3:29:29 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** BS22-10 2'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 9:10:00 AM**Lab ID:** 2207349-017**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/13/2022 11:00:47 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/13/2022 11:00:47 PM
Surr: DNOP	84.5	51.1-141		%Rec	1	7/13/2022 11:00:47 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/14/2022 4:47:00 PM
Surr: BFB	82.6	37.7-212		%Rec	1	7/14/2022 4:47:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/14/2022 4:47:00 PM
Toluene	ND	0.050		mg/Kg	1	7/14/2022 4:47:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/14/2022 4:47:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/14/2022 4:47:00 PM
Surr: 4-Bromofluorobenzene	86.3	70-130		%Rec	1	7/14/2022 4:47:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 3:41:54 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** BS22-11 2'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 9:15:00 AM**Lab ID:** 2207349-018**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/16/2022 12:10:29 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/16/2022 12:10:29 AM
Surr: DNOP	104	51.1-141		%Rec	1	7/16/2022 12:10:29 AM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/14/2022 6:07:00 PM
Surr: BFB	80.5	37.7-212		%Rec	1	7/14/2022 6:07:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	7/14/2022 6:07:00 PM
Toluene	ND	0.049		mg/Kg	1	7/14/2022 6:07:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/14/2022 6:07:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/14/2022 6:07:00 PM
Surr: 4-Bromofluorobenzene	81.6	70-130		%Rec	1	7/14/2022 6:07:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 3:54:19 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207349

Date Reported: 7/20/2022

CLIENT: Devon Energy**Client Sample ID:** BS22-12 2'**Project:** Bell Lake 19 State 6H**Collection Date:** 7/7/2022 9:15:00 AM**Lab ID:** 2207349-019**Matrix:** SOIL**Received Date:** 7/9/2022 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/16/2022 12:58:01 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/16/2022 12:58:01 AM
Surr: DNOP	104	51.1-141		%Rec	1	7/16/2022 12:58:01 AM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/14/2022 7:07:00 PM
Surr: BFB	81.1	37.7-212		%Rec	1	7/14/2022 7:07:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/14/2022 7:07:00 PM
Toluene	ND	0.050		mg/Kg	1	7/14/2022 7:07:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/14/2022 7:07:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/14/2022 7:07:00 PM
Surr: 4-Bromofluorobenzene	81.8	70-130		%Rec	1	7/14/2022 7:07:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 4:06:43 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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207349

20-Jul-22

Client: Devon Energy**Project:** Bell Lake 19 State 6H

Sample ID: MB-68793	SampType: mblk	TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 68793	RunNo: 89508							
Prep Date: 7/14/2022	Analysis Date: 7/14/2022	SeqNo: 3185335 Units: mg/Kg							
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual									
Chloride	ND	1.5							

Sample ID: LCS-68793	SampType: lcs	TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 68793	RunNo: 89508							
Prep Date: 7/14/2022	Analysis Date: 7/14/2022	SeqNo: 3185336 Units: mg/Kg							
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual									
Chloride	14	1.5	15.00	0	90.7	90	110		

Sample ID: MB-68808	SampType: mblk	TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 68808	RunNo: 89522							
Prep Date: 7/15/2022	Analysis Date: 7/15/2022	SeqNo: 3188544 Units: mg/Kg							
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual									
Chloride	ND	1.5							

Sample ID: LCS-68808	SampType: lcs	TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 68808	RunNo: 89522							
Prep Date: 7/15/2022	Analysis Date: 7/15/2022	SeqNo: 3188545 Units: mg/Kg							
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual									
Chloride	14	1.5	15.00	0	92.5	90	110		

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207349

20-Jul-22

Client: Devon Energy
Project: Bell Lake 19 State 6H

Sample ID: MB-68719	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batch ID: 68719	RunNo: 89438									
Prep Date: 7/12/2022	Analysis Date: 7/13/2022	SeqNo: 3183094 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	15									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	8.4		10.00		84.1	51.1	141				
Sample ID: LCS-68719	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch ID: 68719	RunNo: 89438									
Prep Date: 7/12/2022	Analysis Date: 7/13/2022	SeqNo: 3183095 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	44	15	50.00	0	88.2	64.4	127				
Surr: DNOP	4.1		5.000		82.0	51.1	141				
Sample ID: MB-68717	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batch ID: 68717	RunNo: 89483									
Prep Date: 7/12/2022	Analysis Date: 7/15/2022	SeqNo: 3184880 Units: %Rec									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: DNOP	6.9		10.00		68.7	51.1	141				
Sample ID: LCS-68717	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch ID: 68717	RunNo: 89483									
Prep Date: 7/12/2022	Analysis Date: 7/15/2022	SeqNo: 3184881 Units: %Rec									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: DNOP	2.8		5.000		55.5	51.1	141				
Sample ID: MB-68750	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batch ID: 68750	RunNo: 89483									
Prep Date: 7/13/2022	Analysis Date: 7/15/2022	SeqNo: 3186687 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	15									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	12		10.00		118	51.1	141				
Sample ID: LCS-68750	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch ID: 68750	RunNo: 89483									
Prep Date: 7/13/2022	Analysis Date: 7/15/2022	SeqNo: 3186688 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207349

20-Jul-22

Client: Devon Energy**Project:** Bell Lake 19 State 6H

Sample ID: LCS-68750	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch ID: 68750	RunNo: 89483									
Prep Date: 7/13/2022	Analysis Date: 7/15/2022	SeqNo: 3186688 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	58	15	50.00	0	116	64.4	127				
Sur: DNOP	5.8		5.000		116	51.1	141				

Sample ID: 2207349-018AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: BS22-11 2'	Batch ID: 68750	RunNo: 89483									
Prep Date: 7/13/2022	Analysis Date: 7/16/2022	SeqNo: 3186724 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	48	15	49.50	0	97.3	36.1	154				
Sur: DNOP	4.7		4.950		95.8	51.1	141				

Sample ID: 2207349-018AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: BS22-11 2'	Batch ID: 68750	RunNo: 89483									
Prep Date: 7/13/2022	Analysis Date: 7/16/2022	SeqNo: 3186725 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	43	15	48.45	0	89.0	36.1	154	11.1	33.9		
Sur: DNOP	4.4		4.845		91.5	51.1	141	0	0		

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207349

20-Jul-22

Client: Devon Energy
Project: Bell Lake 19 State 6H

Sample ID: Ics-68690	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range									
Client ID: LCSS	Batch ID: 68690	RunNo: 89471									
Prep Date: 7/11/2022	Analysis Date: 7/13/2022	SeqNo: 3183352 Units: %Rec									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Sur: BFB	1800		1000		184	37.7	212				

Sample ID: mb-68690	SampType: MLBK	TestCode: EPA Method 8015D: Gasoline Range									
Client ID: PBS	Batch ID: 68690	RunNo: 89471									
Prep Date: 7/11/2022	Analysis Date: 7/13/2022	SeqNo: 3183354 Units: %Rec									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Sur: BFB	860		1000		85.8	37.7	212				

Sample ID: Ics-68702	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range									
Client ID: LCSS	Batch ID: 68702	RunNo: 89471									
Prep Date: 7/11/2022	Analysis Date: 7/13/2022	SeqNo: 3183392 Units: %Rec									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Sur: BFB	1800		1000		184	37.7	212				

Sample ID: mb-68702	SampType: MLBK	TestCode: EPA Method 8015D: Gasoline Range									
Client ID: PBS	Batch ID: 68702	RunNo: 89471									
Prep Date: 7/11/2022	Analysis Date: 7/13/2022	SeqNo: 3183394 Units: %Rec									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Sur: BFB	840		1000		84.2	37.7	212				

Sample ID: Ics-68713	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range									
Client ID: LCSS	Batch ID: 68713	RunNo: 89471									
Prep Date: 7/12/2022	Analysis Date: 7/14/2022	SeqNo: 3183428 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	22	5.0	25.00	0	87.7	72.3	137				
Sur: BFB	1800		1000		175	37.7	212				

Sample ID: mb-68713	SampType: MLBK	TestCode: EPA Method 8015D: Gasoline Range									
Client ID: PBS	Batch ID: 68713	RunNo: 89471									
Prep Date: 7/12/2022	Analysis Date: 7/14/2022	SeqNo: 3183430 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	ND	5.0									
Sur: BFB	830		1000		82.6	37.7	212				

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207349

20-Jul-22

Client: Devon Energy
Project: Bell Lake 19 State 6H

Sample ID: Ics-68721	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 68721	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/14/2022	SeqNo: 3184960 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.9	72.3	137			
Sur: BFB	1800		1000		180	37.7	212			
Sample ID: mb-68721	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 68721	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/14/2022	SeqNo: 3184961 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Sur: BFB	820		1000		82.4	37.7	212			
Sample ID: 2207349-018ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: BS22-11 2'	Batch ID: 68721	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/14/2022	SeqNo: 3184963 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	24.93	0	86.6	70	130			
Sur: BFB	1700		997.0		173	37.7	212			
Sample ID: 2207349-018amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: BS22-11 2'	Batch ID: 68721	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/14/2022	SeqNo: 3184964 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.9	24.41	0	90.9	70	130	2.75	20	
Sur: BFB	1800		976.6		180	37.7	212	0	0	
Sample ID: Ics-68726	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 68726	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/15/2022	SeqNo: 3184981 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sur: BFB	1800		1000		180	37.7	212			
Sample ID: mb-68726	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 68726	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/15/2022	SeqNo: 3184982 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sur: BFB	830		1000		83.2	37.7	212			

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 Quantitative 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

Page 24 of 27

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207349

20-Jul-22

Client: Devon Energy**Project:** Bell Lake 19 State 6H

Sample ID: Ics-68690	SampType: LCS	TestCode: EPA Method 8021B: Volatiles									
Client ID: LCSS	Batch ID: 68690	RunNo: 89471									
Prep Date: 7/11/2022	Analysis Date: 7/13/2022	SeqNo: 3183847 Units: %Rec									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Sur: 4-Bromofluorobenzene	0.86		1.000		86.3	70	130				

Sample ID: mb-68690	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles									
Client ID: PBS	Batch ID: 68690	RunNo: 89471									
Prep Date: 7/11/2022	Analysis Date: 7/13/2022	SeqNo: 3183848 Units: %Rec									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Sur: 4-Bromofluorobenzene	0.86		1.000		85.6	70	130				

Sample ID: Ics-68702	SampType: LCS	TestCode: EPA Method 8021B: Volatiles									
Client ID: LCSS	Batch ID: 68702	RunNo: 89471									
Prep Date: 7/11/2022	Analysis Date: 7/13/2022	SeqNo: 3183871 Units: %Rec									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Sur: 4-Bromofluorobenzene	0.84		1.000		83.6	70	130				

Sample ID: mb-68702	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles									
Client ID: PBS	Batch ID: 68702	RunNo: 89471									
Prep Date: 7/11/2022	Analysis Date: 7/13/2022	SeqNo: 3183872 Units: %Rec									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Sur: 4-Bromofluorobenzene	0.84		1.000		84.1	70	130				

Sample ID: Ics-68713	SampType: LCS	TestCode: EPA Method 8021B: Volatiles									
Client ID: LCSS	Batch ID: 68713	RunNo: 89471									
Prep Date: 7/12/2022	Analysis Date: 7/14/2022	SeqNo: 3183895 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.88	0.025	1.000	0	87.8	80	120				
Toluene	0.92	0.050	1.000	0	91.7	80	120				
Ethylbenzene	0.93	0.050	1.000	0	92.5	80	120				
Xylenes, Total	2.8	0.10	3.000	0	92.0	80	120				
Sur: 4-Bromofluorobenzene	0.86		1.000		85.9	70	130				

Sample ID: mb-68713	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles									
Client ID: PBS	Batch ID: 68713	RunNo: 89471									
Prep Date: 7/12/2022	Analysis Date: 7/14/2022	SeqNo: 3183896 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	ND	0.025									

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207349

20-Jul-22

Client: Devon Energy
Project: Bell Lake 19 State 6H

Sample ID: mb-68713	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 68713	RunNo: 89471								
Prep Date: 7/12/2022	Analysis Date: 7/14/2022	SeqNo: 3183896 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.85		1.000		84.8	70	130			

Sample ID: Ics-68721	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 68721	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/14/2022	SeqNo: 3185011 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.82	0.025	1.000	0	81.7	80	120			
Toluene	0.83	0.050	1.000	0	82.9	80	120			
Ethylbenzene	0.82	0.050	1.000	0	81.7	80	120			
Xylenes, Total	2.4	0.10	3.000	0	80.7	80	120			
Surr: 4-Bromofluorobenzene	0.83		1.000		83.5	70	130			

Sample ID: mb-68721	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 68721	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/14/2022	SeqNo: 3185012 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.82		1.000		81.9	70	130			

Sample ID: 2207349-019ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: BS22-12 2'	Batch ID: 68721	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/14/2022	SeqNo: 3185015 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	0.9990	0	88.8	68.8	120			
Toluene	0.90	0.050	0.9990	0	90.5	73.6	124			
Ethylbenzene	0.90	0.050	0.9990	0	90.0	72.7	129			
Xylenes, Total	2.7	0.10	2.997	0	89.5	75.7	126			
Surr: 4-Bromofluorobenzene	0.84		0.9990		83.6	70	130			

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207349

20-Jul-22

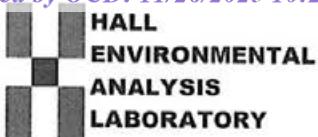
Client: Devon Energy**Project:** Bell Lake 19 State 6H

Sample ID: 2207349-019amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: BS22-12 2'	Batch ID: 68721	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/14/2022	SeqNo: 3185016 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	0.9950	0	88.5	68.8	120	0.640	20	
Toluene	0.89	0.050	0.9950	0	89.8	73.6	124	1.08	20	
Ethylbenzene	0.89	0.050	0.9950	0	89.9	72.7	129	0.527	20	
Xylenes, Total	2.7	0.10	2.985	0	89.3	75.7	126	0.582	20	
Surr: 4-Bromofluorobenzene	0.84		0.9950		84.5	70	130	0	0	
Sample ID: lcs-68726	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 68726	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/15/2022	SeqNo: 3185032 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.83		1.000		83.2	70	130			
Sample ID: mb-68726	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 68726	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/15/2022	SeqNo: 3185033 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.83		1.000		82.7	70	130			

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 Quantitative 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



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Devon Energy

Work Order Number: 2207349

RcptNo: 1

Received By: Sean Livingston 7/9/2022 9:30:00 AM

Completed By: Sean Livingston 7/9/2022 10:36:14 AM

Reviewed By: CMC 7/11/22

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present 2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes No NA 4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA 5. Sample(s) in proper container(s)? Yes No 6. Sufficient sample volume for indicated test(s)? Yes No 7. Are samples (except VOA and ONG) properly preserved? Yes No 8. Was preservative added to bottles? Yes No NA 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA 10. Were any sample containers received broken? Yes No 11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes No 12. Are matrices correctly identified on Chain of Custody? Yes No 13. Is it clear what analyses were requested? Yes No 14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes No

of preserved bottles checked for pH:
<2 or >12 unless noted
Adjusted? _____
Checked by: 

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	Date:
By Whom:	Via: <input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	
Client Instructions:	

16. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.1	Good				
2	3.6	Good				
3	3.9	Good				

Chain-of-Custody Record

Client: Devon Energy

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

 Standard Level 4 (Full Validation)Accreditation: Az Compliance NELAC Other EDD (Type)Turn-Around Time: 5 - Day
 Standard Rush

Project Name: Bell Lake 19 state 6H

Project #: 22E-01100

Project Manager: Monica Peppin

Sampler: M. Wier / L. Pullman

On Ice: Yes No

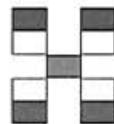
of Coolers: 3

Cooler Temp (including CF): 21 °C, 3.6 °C, 3.9 °C (CF-0.1 °C)

Container Type and # Preservative Type HEAL No. 22073489

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8260 (VOA)	8270 (Semi-VOA)	Total Coolers (Present/Absent)
7-7-22	7:50	Soil	WS22-01 0-4'	4oz	ice	001	✓	✓	✓	✓	
	7:55		WS22-02 0-4'			002					
	7:55		WS22-03 0-4'			003					
	8:00		WS22-04 2-4'			004					
	8:00		WS22-05 0-2'			005					
	8:05		WS22-06 0-2'			006					
	8:05		WS22-07 0-2'			007					
	8:45		BS22-01 2'			008					
	8:40		BS22-02 2'			009					
	8:40		BS22-03 2'			010					
	8:25		BS22-04 4'			011					
	8:30		BS22-05 4'			012					

Date: 7-7-22	Time: 06:30	Relinquished by: L. Pullman	Received by: A. Murray	Via: Date: 7/19/22	Time: 11:00	Remarks: w/ off: 2105343
Date: 7/19/22	Time: 19:00	Relinquished by: A. Murray	Received by: S. Lee	Via: Date: 7/19/22	Time: 9:30	CC: Monica Peppin Direct bill Devon

HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

8260 (VOA)	RCRA 8 Metals	8270 (Semi-VOA)
	PAHs by 8310 or 8270 SIMS	
	EDB (Method 5041)	
	8081 Perchlorides/8082 PCBs, S	
	TPH:8015D(GRO / DRO / MRO)	



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

July 19, 2022

Monica Peppin

Vertex Resources Services, Inc.
3101 Boyd Drive
Carlsbad, NM 88220
TEL: (505) 506-0040
FAX:

RE: Bell Lake State 001H

OrderNo.: 2207412

Dear Monica Peppin:

Hall Environmental Analysis Laboratory received 11 sample(s) on 7/12/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207412

Date Reported: 7/19/2022

CLIENT: Vertex Resources Services, Inc.**Client Sample ID:** WS22-08 0-4'**Project:** Bell Lake State 001H**Collection Date:** 7/8/2022 9:30:00 AM**Lab ID:** 2207412-001**Matrix:** SOIL**Received Date:** 7/12/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/16/2022 7:17:39 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/16/2022 7:17:39 AM
Surr: DNOP	110	51.1-141		%Rec	1	7/16/2022 7:17:39 AM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/15/2022 12:44:00 AM
Surr: BFB	84.0	37.7-212		%Rec	1	7/15/2022 12:44:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/15/2022 12:44:00 AM
Toluene	ND	0.049		mg/Kg	1	7/15/2022 12:44:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/15/2022 12:44:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	7/15/2022 12:44:00 AM
Surr: 4-Bromofluorobenzene	83.1	70-130		%Rec	1	7/15/2022 12:44:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 4:45:33 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207412

Date Reported: 7/19/2022

CLIENT: Vertex Resources Services, Inc.**Client Sample ID:** WS22-09 0-4'**Project:** Bell Lake State 001H**Collection Date:** 7/8/2022 9:35:00 AM**Lab ID:** 2207412-002**Matrix:** SOIL**Received Date:** 7/12/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/16/2022 7:41:26 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/16/2022 7:41:26 AM
Surr: DNOP	116	51.1-141		%Rec	1	7/16/2022 7:41:26 AM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/15/2022 1:04:00 AM
Surr: BFB	80.5	37.7-212		%Rec	1	7/15/2022 1:04:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/15/2022 1:04:00 AM
Toluene	ND	0.049		mg/Kg	1	7/15/2022 1:04:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/15/2022 1:04:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/15/2022 1:04:00 AM
Surr: 4-Bromofluorobenzene	80.3	70-130		%Rec	1	7/15/2022 1:04:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 4:57:58 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207412

Date Reported: 7/19/2022

CLIENT: Vertex Resources Services, Inc.**Client Sample ID:** WS22-10 0-4'**Project:** Bell Lake State 001H**Collection Date:** 7/8/2022 9:40:00 AM**Lab ID:** 2207412-003**Matrix:** SOIL**Received Date:** 7/12/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/16/2022 8:05:12 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/16/2022 8:05:12 AM
Surr: DNOP	66.8	51.1-141		%Rec	1	7/16/2022 8:05:12 AM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/15/2022 1:24:00 AM
Surr: BFB	77.0	37.7-212		%Rec	1	7/15/2022 1:24:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	7/15/2022 1:24:00 AM
Toluene	ND	0.049		mg/Kg	1	7/15/2022 1:24:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/15/2022 1:24:00 AM
Xylenes, Total	ND	0.097		mg/Kg	1	7/15/2022 1:24:00 AM
Surr: 4-Bromofluorobenzene	80.1	70-130		%Rec	1	7/15/2022 1:24:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 5:10:22 PM

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

Qualifiers:

* Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207412

Date Reported: 7/19/2022

CLIENT: Vertex Resources Services, Inc.**Client Sample ID:** WS22-11 0-4'**Project:** Bell Lake State 001H**Collection Date:** 7/8/2022 9:45:00 AM**Lab ID:** 2207412-004**Matrix:** SOIL**Received Date:** 7/12/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/16/2022 8:29:03 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/16/2022 8:29:03 AM
Surr: DNOP	103	51.1-141		%Rec	1	7/16/2022 8:29:03 AM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/15/2022 3:02:00 AM
Surr: BFB	82.1	37.7-212		%Rec	1	7/15/2022 3:02:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	7/15/2022 3:02:00 AM
Toluene	ND	0.048		mg/Kg	1	7/15/2022 3:02:00 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/15/2022 3:02:00 AM
Xylenes, Total	ND	0.096		mg/Kg	1	7/15/2022 3:02:00 AM
Surr: 4-Bromofluorobenzene	82.6	70-130		%Rec	1	7/15/2022 3:02:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 5:22:47 PM

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

Qualifiers:

* Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207412

Date Reported: 7/19/2022

CLIENT: Vertex Resources Services, Inc.**Client Sample ID:** WS22-12 0-4'**Project:** Bell Lake State 001H**Collection Date:** 7/8/2022 9:50:00 AM**Lab ID:** 2207412-005**Matrix:** SOIL**Received Date:** 7/12/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/16/2022 8:52:51 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/16/2022 8:52:51 AM
Surr: DNOP	72.1	51.1-141		%Rec	1	7/16/2022 8:52:51 AM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/15/2022 3:22:00 AM
Surr: BFB	81.0	37.7-212		%Rec	1	7/15/2022 3:22:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/15/2022 3:22:00 AM
Toluene	ND	0.050		mg/Kg	1	7/15/2022 3:22:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	7/15/2022 3:22:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/15/2022 3:22:00 AM
Surr: 4-Bromofluorobenzene	82.8	70-130		%Rec	1	7/15/2022 3:22:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 5:35:11 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207412

Date Reported: 7/19/2022

CLIENT: Vertex Resources Services, Inc.**Client Sample ID:** WS22-13 0-4'**Project:** Bell Lake State 001H**Collection Date:** 7/8/2022 9:55:00 AM**Lab ID:** 2207412-006**Matrix:** SOIL**Received Date:** 7/12/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/16/2022 9:40:36 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/16/2022 9:40:36 AM
Surr: DNOP	75.7	51.1-141		%Rec	1	7/16/2022 9:40:36 AM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/15/2022 3:42:00 AM
Surr: BFB	82.8	37.7-212		%Rec	1	7/15/2022 3:42:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/15/2022 3:42:00 AM
Toluene	ND	0.049		mg/Kg	1	7/15/2022 3:42:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/15/2022 3:42:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	7/15/2022 3:42:00 AM
Surr: 4-Bromofluorobenzene	84.0	70-130		%Rec	1	7/15/2022 3:42:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 5:47:36 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207412

Date Reported: 7/19/2022

CLIENT: Vertex Resources Services, Inc.**Client Sample ID:** WS22-14 0-4'**Project:** Bell Lake State 001H**Collection Date:** 7/8/2022 10:00:00 AM**Lab ID:** 2207412-007**Matrix:** SOIL**Received Date:** 7/12/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/14/2022 9:39:35 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/14/2022 9:39:35 PM
Surr: DNOP	87.7	51.1-141		%Rec	1	7/14/2022 9:39:35 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/15/2022 4:01:00 AM
Surr: BFB	80.1	37.7-212		%Rec	1	7/15/2022 4:01:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.023		mg/Kg	1	7/15/2022 4:01:00 AM
Toluene	ND	0.047		mg/Kg	1	7/15/2022 4:01:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/15/2022 4:01:00 AM
Xylenes, Total	ND	0.094		mg/Kg	1	7/15/2022 4:01:00 AM
Surr: 4-Bromofluorobenzene	83.6	70-130		%Rec	1	7/15/2022 4:01:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 6:00:01 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207412

Date Reported: 7/19/2022

CLIENT: Vertex Resources Services, Inc.**Client Sample ID:** BS22-13 4'**Project:** Bell Lake State 001H**Collection Date:** 7/8/2022 10:05:00 AM**Lab ID:** 2207412-008**Matrix:** SOIL**Received Date:** 7/12/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/14/2022 10:21:58 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/14/2022 10:21:58 PM
Surr: DNOP	96.4	51.1-141		%Rec	1	7/14/2022 10:21:58 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/15/2022 5:01:00 AM
Surr: BFB	84.5	37.7-212		%Rec	1	7/15/2022 5:01:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/15/2022 5:01:00 AM
Toluene	ND	0.049		mg/Kg	1	7/15/2022 5:01:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/15/2022 5:01:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/15/2022 5:01:00 AM
Surr: 4-Bromofluorobenzene	81.4	70-130		%Rec	1	7/15/2022 5:01:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	96	60		mg/Kg	20	7/15/2022 6:12:25 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207412

Date Reported: 7/19/2022

CLIENT: Vertex Resources Services, Inc.**Client Sample ID:** BS22-14 4'**Project:** Bell Lake State 001H**Collection Date:** 7/8/2022 10:10:00 AM**Lab ID:** 2207412-009**Matrix:** SOIL**Received Date:** 7/12/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/14/2022 10:36:11 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/14/2022 10:36:11 PM
Surr: DNOP	106	51.1-141		%Rec	1	7/14/2022 10:36:11 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/15/2022 6:00:00 AM
Surr: BFB	86.5	37.7-212		%Rec	1	7/15/2022 6:00:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	7/15/2022 6:00:00 AM
Toluene	ND	0.048		mg/Kg	1	7/15/2022 6:00:00 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/15/2022 6:00:00 AM
Xylenes, Total	ND	0.096		mg/Kg	1	7/15/2022 6:00:00 AM
Surr: 4-Bromofluorobenzene	85.4	70-130		%Rec	1	7/15/2022 6:00:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	180	60		mg/Kg	20	7/15/2022 6:24:49 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207412

Date Reported: 7/19/2022

CLIENT: Vertex Resources Services, Inc.**Client Sample ID:** BS22-15 4'**Project:** Bell Lake State 001H**Collection Date:** 7/8/2022 10:15:00 AM**Lab ID:** 2207412-010**Matrix:** SOIL**Received Date:** 7/12/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/14/2022 10:50:20 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/14/2022 10:50:20 PM
Surr: DNOP	89.8	51.1-141		%Rec	1	7/14/2022 10:50:20 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/15/2022 6:20:00 AM
Surr: BFB	82.6	37.7-212		%Rec	1	7/15/2022 6:20:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/15/2022 6:20:00 AM
Toluene	ND	0.050		mg/Kg	1	7/15/2022 6:20:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	7/15/2022 6:20:00 AM
Xylenes, Total	ND	0.10		mg/Kg	1	7/15/2022 6:20:00 AM
Surr: 4-Bromofluorobenzene	85.8	70-130		%Rec	1	7/15/2022 6:20:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	210	60		mg/Kg	20	7/15/2022 6:37:15 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 Quantitative 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

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Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207412

Date Reported: 7/19/2022

CLIENT: Vertex Resources Services, Inc.**Client Sample ID:** BS22-16 4'**Project:** Bell Lake State 001H**Collection Date:** 7/8/2022 10:20:00 AM**Lab ID:** 2207412-011**Matrix:** SOIL**Received Date:** 7/12/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/14/2022 11:04:35 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/14/2022 11:04:35 PM
Surr: DNOP	86.1	51.1-141		%Rec	1	7/14/2022 11:04:35 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/15/2022 6:40:00 AM
Surr: BFB	82.2	37.7-212		%Rec	1	7/15/2022 6:40:00 AM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.023		mg/Kg	1	7/15/2022 6:40:00 AM
Toluene	ND	0.047		mg/Kg	1	7/15/2022 6:40:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/15/2022 6:40:00 AM
Xylenes, Total	ND	0.094		mg/Kg	1	7/15/2022 6:40:00 AM
Surr: 4-Bromofluorobenzene	83.3	70-130		%Rec	1	7/15/2022 6:40:00 AM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/15/2022 7:14:28 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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207412

19-Jul-22

Client: Vertex Resources Services, Inc.**Project:** Bell Lake State 001H

Sample ID: MB-68812	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 68812	RunNo: 89568								
Prep Date: 7/15/2022	Analysis Date: 7/15/2022	SeqNo: 3188184 Units: mg/Kg								
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual								
Chloride	ND	1.5								

Sample ID: LCS-68812	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 68812	RunNo: 89568								
Prep Date: 7/15/2022	Analysis Date: 7/15/2022	SeqNo: 3188185 Units: mg/Kg								
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual								
Chloride	14	1.5 15.00 0 92.5 90 110								

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 Quantitative 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

Page 12 of 18

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207412

19-Jul-22

Client: Vertex Resources Services, Inc.**Project:** Bell Lake State 001H

Sample ID: MB-68751	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batch ID: 68751	RunNo: 89486									
Prep Date: 7/13/2022	Analysis Date: 7/14/2022	SeqNo: 3186456 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	15									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	8.3		10.00		83.3	51.1	141				
Sample ID: LCS-68751	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch ID: 68751	RunNo: 89486									
Prep Date: 7/13/2022	Analysis Date: 7/14/2022	SeqNo: 3186457 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	41	15	50.00	0	81.7	64.4	127				
Surr: DNOP	3.8		5.000		76.0	51.1	141				
Sample ID: 2207412-007AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: WS22-14 0-4'	Batch ID: 68751	RunNo: 89486									
Prep Date: 7/13/2022	Analysis Date: 7/14/2022	SeqNo: 3186459 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	38	14	47.85	0	79.4	36.1	154				
Surr: DNOP	4.2		4.785		88.2	51.1	141				
Sample ID: 2207412-007AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: WS22-14 0-4'	Batch ID: 68751	RunNo: 89486									
Prep Date: 7/13/2022	Analysis Date: 7/14/2022	SeqNo: 3186460 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	35	14	47.04	0	74.6	36.1	154	7.88	33.9		
Surr: DNOP	3.9		4.704		82.3	51.1	141	0	0		
Sample ID: MB-68750	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batch ID: 68750	RunNo: 89483									
Prep Date: 7/13/2022	Analysis Date: 7/15/2022	SeqNo: 3186687 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	15									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	12		10.00		118	51.1	141				

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207412

19-Jul-22

Client: Vertex Resources Services, Inc.**Project:** Bell Lake State 001H

Sample ID: LCS-68750	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 68750	RunNo: 89483								
Prep Date: 7/13/2022	Analysis Date: 7/15/2022	SeqNo: 3186688 Units: mg/Kg								
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual								
Diesel Range Organics (DRO)	58	15	50.00	0	116	64.4	127			
Surr: DNOP	5.8		5.000		116	51.1	141			

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 Quantitative 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

Page 14 of 18

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207412

19-Jul-22

Client: Vertex Resources Services, Inc.**Project:** Bell Lake State 001H

Sample ID: Ics-68721	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 68721	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/14/2022	SeqNo: 3184960 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.9	72.3	137			
Sur: BFB	1800		1000		180	37.7	212			
Sample ID: mb-68721	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 68721	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/14/2022	SeqNo: 3184961 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Sur: BFB	820		1000		82.4	37.7	212			
Sample ID: Ics-68726	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 68726	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/15/2022	SeqNo: 3184981 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	87.9	72.3	137			
Sur: BFB	1800		1000		180	37.7	212			
Sample ID: mb-68726	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 68726	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/15/2022	SeqNo: 3184982 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Sur: BFB	830		1000		83.2	37.7	212			
Sample ID: 2207412-007ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: WS22-14 0-4'	Batch ID: 68726	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/15/2022	SeqNo: 3184987 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	4.7	23.45	0	89.3	70	130			
Sur: BFB	1700		938.1		179	37.7	212			
Sample ID: 2207412-007amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: WS22-14 0-4'	Batch ID: 68726	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/15/2022	SeqNo: 3184988 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207412

19-Jul-22

Client: Vertex Resources Services, Inc.**Project:** Bell Lake State 001H

Sample ID: 2207412-007amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: WS22-14 0-4'	Batch ID: 68726	RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/15/2022	SeqNo: 3184988 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	4.7	23.39	0	96.3	70	130	7.22	20	
Surr: BFB	1700		935.5		185	37.7	212	0	0	

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 Quantitative 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

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207412

19-Jul-22

Client: Vertex Resources Services, Inc.**Project:** Bell Lake State 001H

Sample ID: Ics-68721	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 68721			RunNo: 89504						
Prep Date: 7/12/2022	Analysis Date: 7/14/2022			SeqNo: 3185011 Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Benzene	0.82	0.025	1.000	0	81.7	80	120			
Toluene	0.83	0.050	1.000	0	82.9	80	120			
Ethylbenzene	0.82	0.050	1.000	0	81.7	80	120			
Xylenes, Total	2.4	0.10	3.000	0	80.7	80	120			
Surr: 4-Bromofluorobenzene	0.83		1.000		83.5	70	130			

Sample ID: mb-68721	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 68721			RunNo: 89504						
Prep Date: 7/12/2022	Analysis Date: 7/14/2022			SeqNo: 3185012 Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.82		1.000		81.9	70	130			

Sample ID: Ics-68726	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 68726			RunNo: 89504						
Prep Date: 7/12/2022	Analysis Date: 7/15/2022			SeqNo: 3185032 Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.3	80	120			
Toluene	0.92	0.050	1.000	0	91.8	80	120			
Ethylbenzene	0.90	0.050	1.000	0	90.5	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.9	80	120			
Surr: 4-Bromofluorobenzene	0.83		1.000		83.2	70	130			

Sample ID: mb-68726	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 68726			RunNo: 89504						
Prep Date: 7/12/2022	Analysis Date: 7/15/2022			SeqNo: 3185033 Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.83		1.000		82.7	70	130			

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207412

19-Jul-22

Client: Vertex Resources Services, Inc.**Project:** Bell Lake State 001H

Sample ID: 2207412-008ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles								
Client ID: BS22-13 4'	Batch ID: 68726		RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/15/2022		SeqNo: 3185039			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.88	0.025	0.9823	0	89.8	68.8	120				
Toluene	0.90	0.049	0.9823	0	91.8	73.6	124				
Ethylbenzene	0.90	0.049	0.9823	0	91.8	72.7	129				
Xylenes, Total	2.7	0.098	2.947	0	90.9	75.7	126				
Surr: 4-Bromofluorobenzene	0.83		0.9823		84.8	70	130				

Sample ID: 2207412-008amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles								
Client ID: BS22-13 4'	Batch ID: 68726		RunNo: 89504								
Prep Date: 7/12/2022	Analysis Date: 7/15/2022		SeqNo: 3185040			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.91	0.025	0.9881	0	92.4	68.8	120	3.45	20		
Toluene	0.93	0.049	0.9881	0	93.9	73.6	124	2.78	20		
Ethylbenzene	0.93	0.049	0.9881	0	93.6	72.7	129	2.55	20		
Xylenes, Total	2.7	0.099	2.964	0	92.6	75.7	126	2.53	20		
Surr: 4-Bromofluorobenzene	0.84		0.9881		84.7	70	130	0	0		

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 Quantitative 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



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Vertex Resources Services, Inc. Work Order Number: 2207412 RcptNo: 1

Received By: Cheyenne Cason 7/12/2022 7:20:00 AM *Cheyenne*

Completed By: Sean Livingston 7/12/2022 8:01:22 AM *Sean Livingston*

Reviewed By: *JNL 7/12/22*

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present

2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes No NA

4. Were all samples received at a temperature of >0° C to 6.0° C Yes No NA

5. Sample(s) in proper container(s)? Yes No

6. Sufficient sample volume for indicated test(s)? Yes No

7. Are samples (except VOA and ONG) properly preserved? Yes No

8. Was preservative added to bottles? Yes No NA

9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA

10. Were any sample containers received broken? Yes No

11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes No

12. Are matrices correctly identified on Chain of Custody? Yes No

13. Is it clear what analyses were requested? Yes No

14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes No

of preserved bottles checked for pH:
(<2 or >12 unless noted)

Adjusted? _____

Checked by: *KPG 7-12-22*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	Date:
By Whom:	Via: <input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	
Client Instructions:	

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.5	Good				
2	0.6	Good				
3	0.9	Good				

Chain-of-Custody Record

Client: Vertex
(Devon, Dale Woodall)

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other _____

EDD (Type) _____

Turn-Around Time: 5 days
 Standard Rush 18 hr

Project Name:
Bell Lake Stone #001H

Project #: 22E-01100

Project Manager: Monica Peppin

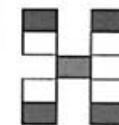
Sampler:

On Ice: Yes No

of Coolers: 3 2.5 - 2.5 = 2.5 = 2.5

Cooler Temp (including CF): 6.6 - 0.0 = 6.6 (°C)

Container Preservative
Type and # Type HEAL No. 2117022



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Petroleum/8082 PCB's, s	EDB (Method 5041)	PAHs by 8310 or 8270 SIMS	RCPA 8 Metals	CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Collision (Presence/Abseem)	
7-8-22	09:30	Soil	WS22-08 0-4'	1 Jar			X	X					X	X			
7-8-22	09:35	Soil	WS22-09 0-4'	1 Jar				X					X	X			
7-8-22	09:40	Soil	WS22-10 0-4'	1 Jar				X					X				
	09:45		WS22-11 0-4'														
	09:50		WS22-12 0-4'														
	09:55		WS22-13 0-4'														
	10:00		WS22-14 0-4'														
	10:05		BS22-13 4'														
	10:10		BS22-14 4'														
	10:15		BS22-15 4'														
↓	10:20	↓	BS22-16 4'	↓													

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time	Remarks:
7-11-22	0730	Jakob Pullan	G. Martin		7/11/22	730	Bill direct to Devon, Dale Woodall
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time	cc. M. Peppin final report
7/11/22	1900	Adrienne	One can	7/12/22	0720		

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly noted on the analytical report.



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

July 29, 2022

Monica Peppin

Vertex Resources Services, Inc.
3101 Boyd Drive
Carlsbad, NM 88220
TEL: (505) 506-0040
FAX:

RE: Bell Lake 19 State 001H

OrderNo.: 2207815

Dear Monica Peppin:

Hall Environmental Analysis Laboratory received 1 sample(s) on 7/16/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207815

Date Reported: 7/29/2022

CLIENT: Vertex Resources Services, Inc.**Client Sample ID:** WS22-19 0-4'**Project:** Bell Lake 19 State 001H**Collection Date:** 7/13/2022 2:00:00 PM**Lab ID:** 2207815-001**Matrix:** SOIL**Received Date:** 7/16/2022 10:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	7/21/2022 3:32:18 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/21/2022 3:32:18 AM
Surr: DNOP	67.4	51.1-141		%Rec	1	7/21/2022 3:32:18 AM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2022 9:07:00 PM
Surr: BFB	90.3	37.7-212		%Rec	1	7/20/2022 9:07:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	7/20/2022 9:07:00 PM
Toluene	ND	0.048		mg/Kg	1	7/20/2022 9:07:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2022 9:07:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/20/2022 9:07:00 PM
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	7/20/2022 9:07:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	170	61		mg/Kg	20	7/21/2022 4:53:09 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 Quantitative 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

Page 1 of 5

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207815

29-Jul-22

Client: Vertex Resources Services, Inc.**Project:** Bell Lake 19 State 001H

Sample ID: MB-68957	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 68957	RunNo: 89698								
Prep Date: 7/21/2022	Analysis Date: 7/21/2022	SeqNo: 3193546 Units: mg/Kg								
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual								
Chloride	ND	1.5								

Sample ID: LCS-68957	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 68957	RunNo: 89698								
Prep Date: 7/21/2022	Analysis Date: 7/21/2022	SeqNo: 3193547 Units: mg/Kg								
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual								
Chloride	14	1.5 15.00 0 92.8 90 110								

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207815

29-Jul-22

Client: Vertex Resources Services, Inc.**Project:** Bell Lake 19 State 001H

Sample ID: MB-68897	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 68897	RunNo: 89638								
Prep Date: 7/19/2022	Analysis Date: 7/21/2022	SeqNo: 3192490 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	6.9		10.00		68.8	51.1	141			

Sample ID: LCS-68897	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 68897	RunNo: 89638								
Prep Date: 7/19/2022	Analysis Date: 7/21/2022	SeqNo: 3192491 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	15	50.00	0	83.3	64.4	127			
Surr: DNOP	2.8		5.000		55.5	51.1	141			

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207815

29-Jul-22

Client: Vertex Resources Services, Inc.**Project:** Bell Lake 19 State 001H

Sample ID: Ics-68881	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 68881	RunNo: 89653								
Prep Date: 7/19/2022	Analysis Date: 7/20/2022	SeqNo: 3191802 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.2	72.3	137			
Surr: BFB	2000		1000		204	37.7	212			

Sample ID: mb-68881	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 68881	RunNo: 89653								
Prep Date: 7/19/2022	Analysis Date: 7/20/2022	SeqNo: 3191803 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	940		1000		93.5	37.7	212			

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207815

29-Jul-22

Client: Vertex Resources Services, Inc.**Project:** Bell Lake 19 State 001H

Sample ID: Ics-68881	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 68881		RunNo: 89653							
Prep Date: 7/19/2022	Analysis Date: 7/20/2022		SeqNo: 3191848		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	87.6	80	120			
Toluene	0.91	0.050	1.000	0	90.6	80	120			
Ethylbenzene	0.91	0.050	1.000	0	91.3	80	120			
Xylenes, Total	2.8	0.10	3.000	0	91.8	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		91.2	70	130			

Sample ID: mb-68881	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 68881		RunNo: 89653							
Prep Date: 7/19/2022	Analysis Date: 7/20/2022		SeqNo: 3191849		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.92		1.000		92.2	70	130			

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 Quantitative 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



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Vertex Resources Services, Inc. Work Order Number: 2207815 RcptNo: 1

Received By: Isaiah Ortiz 7/16/2022 10:15:00 AM *In OK*

Completed By: Isaiah Ortiz 7/16/2022 11:40:10 AM *In OK*

Reviewed By: *7/16/2022*

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present

2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes No NA

4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA

5. Sample(s) in proper container(s)? Yes No

6. Sufficient sample volume for indicated test(s)? Yes No

7. Are samples (except VOA and ONG) properly preserved? Yes No

8. Was preservative added to bottles? Yes No NA

9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA *IO*

10. Were any sample containers received broken? Yes No

11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes No

12. Are matrices correctly identified on Chain of Custody? Yes No

13. Is it clear what analyses were requested? Yes No

14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes No

of preserved bottles checked for pH: *7/16/22*
(<2 or >12 unless noted)
Adjusted? _____
Checked by: _____

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	Date:
By Whom:	Via: <input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	
Client Instructions:	

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.0	Good	Not Present			



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

August 01, 2022

Monica Peppin
Devon Energy
6488 Seven Rivers Highway
Artesia, NM 88210
TEL: (575) 748-0176
FAX:

RE: Bell Lake 19 State 1H

OrderNo.: 2207C30

Dear Monica Peppin:

Hall Environmental Analysis Laboratory received 6 sample(s) on 7/26/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207C30

Date Reported: 8/1/2022

CLIENT: Devon Energy**Client Sample ID:** WS22-15**Project:** Bell Lake 19 State 1H**Collection Date:** 7/22/2022 9:20:00 AM**Lab ID:** 2207C30-001**Matrix:** SOIL**Received Date:** 7/26/2022 6:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/28/2022 2:47:53 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/28/2022 2:47:53 PM
Surr: DNOP	103	21-129		%Rec	1	7/28/2022 2:47:53 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/27/2022 8:23:00 PM
Surr: BFB	92.9	37.7-212		%Rec	1	7/27/2022 8:23:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/27/2022 8:23:00 PM
Toluene	ND	0.050		mg/Kg	1	7/27/2022 8:23:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/27/2022 8:23:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/27/2022 8:23:00 PM
Surr: 4-Bromofluorobenzene	87.4	70-130		%Rec	1	7/27/2022 8:23:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	64	60		mg/Kg	20	7/28/2022 10:17:36 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207C30

Date Reported: 8/1/2022

CLIENT: Devon Energy**Client Sample ID:** WS22-16**Project:** Bell Lake 19 State 1H**Collection Date:** 7/22/2022 9:30:00 AM**Lab ID:** 2207C30-002**Matrix:** SOIL**Received Date:** 7/26/2022 6:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/28/2022 2:29:24 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/28/2022 2:29:24 PM
Surr: DNOP	106	21-129		%Rec	1	7/28/2022 2:29:24 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/27/2022 9:22:00 PM
Surr: BFB	90.8	37.7-212		%Rec	1	7/27/2022 9:22:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	7/27/2022 9:22:00 PM
Toluene	ND	0.049		mg/Kg	1	7/27/2022 9:22:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/27/2022 9:22:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/27/2022 9:22:00 PM
Surr: 4-Bromofluorobenzene	86.9	70-130		%Rec	1	7/27/2022 9:22:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/28/2022 10:29:56 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207C30

Date Reported: 8/1/2022

CLIENT: Devon Energy**Client Sample ID:** WS22-17**Project:** Bell Lake 19 State 1H**Collection Date:** 7/22/2022 9:40:00 AM**Lab ID:** 2207C30-003**Matrix:** SOIL**Received Date:** 7/26/2022 6:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/28/2022 2:43:21 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/28/2022 2:43:21 PM
Surr: DNOP	94.3	21-129		%Rec	1	7/28/2022 2:43:21 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/27/2022 10:21:00 PM
Surr: BFB	91.4	37.7-212		%Rec	1	7/27/2022 10:21:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.024		mg/Kg	1	7/27/2022 10:21:00 PM
Toluene	ND	0.048		mg/Kg	1	7/27/2022 10:21:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/27/2022 10:21:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/27/2022 10:21:00 PM
Surr: 4-Bromofluorobenzene	86.5	70-130		%Rec	1	7/27/2022 10:21:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	61		mg/Kg	20	7/28/2022 10:42:17 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207C30

Date Reported: 8/1/2022

CLIENT: Devon Energy**Client Sample ID:** WS22-18**Project:** Bell Lake 19 State 1H**Collection Date:** 7/22/2022 9:50:00 AM**Lab ID:** 2207C30-004**Matrix:** SOIL**Received Date:** 7/26/2022 6:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/28/2022 2:57:07 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/28/2022 2:57:07 PM
Surr: DNOP	94.8	21-129		%Rec	1	7/28/2022 2:57:07 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/27/2022 10:40:00 PM
Surr: BFB	94.0	37.7-212		%Rec	1	7/27/2022 10:40:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/27/2022 10:40:00 PM
Toluene	ND	0.050		mg/Kg	1	7/27/2022 10:40:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/27/2022 10:40:00 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/27/2022 10:40:00 PM
Surr: 4-Bromofluorobenzene	85.7	70-130		%Rec	1	7/27/2022 10:40:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	59		mg/Kg	20	7/28/2022 10:54:37 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207C30

Date Reported: 8/1/2022

CLIENT: Devon Energy**Client Sample ID:** BS22-17**Project:** Bell Lake 19 State 1H**Collection Date:** 7/22/2022 10:00:00 AM**Lab ID:** 2207C30-005**Matrix:** SOIL**Received Date:** 7/26/2022 6:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/28/2022 3:10:51 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/28/2022 3:10:51 PM
Surr: DNOP	91.5	21-129		%Rec	1	7/28/2022 3:10:51 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/27/2022 11:00:00 PM
Surr: BFB	89.4	37.7-212		%Rec	1	7/27/2022 11:00:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/27/2022 11:00:00 PM
Toluene	ND	0.049		mg/Kg	1	7/27/2022 11:00:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/27/2022 11:00:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/27/2022 11:00:00 PM
Surr: 4-Bromofluorobenzene	86.2	70-130		%Rec	1	7/27/2022 11:00:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/28/2022 11:06:58 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 Quantitative 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

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 2207C30

Date Reported: 8/1/2022

CLIENT: Devon Energy**Client Sample ID:** BS22-18**Project:** Bell Lake 19 State 1H**Collection Date:** 7/22/2022 10:10:00 AM**Lab ID:** 2207C30-006**Matrix:** SOIL**Received Date:** 7/26/2022 6:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/28/2022 3:24:36 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/28/2022 3:24:36 PM
Surr: DNOP	97.0	21-129		%Rec	1	7/28/2022 3:24:36 PM
EPA METHOD 8015D: GASOLINE RANGE						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/27/2022 11:19:00 PM
Surr: BFB	95.5	37.7-212		%Rec	1	7/27/2022 11:19:00 PM
EPA METHOD 8021B: VOLATILES						
Benzene	ND	0.025		mg/Kg	1	7/27/2022 11:19:00 PM
Toluene	ND	0.050		mg/Kg	1	7/27/2022 11:19:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/27/2022 11:19:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/27/2022 11:19:00 PM
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	7/27/2022 11:19:00 PM
EPA METHOD 300.0: ANIONS						
Chloride	ND	60		mg/Kg	20	7/28/2022 11:19:20 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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207C30

01-Aug-22

Client: Devon Energy**Project:** Bell Lake 19 State 1H

Sample ID: MB-69119	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 69119	RunNo: 89865								
Prep Date: 7/28/2022	Analysis Date: 7/28/2022	SeqNo: 3202452 Units: mg/Kg								
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual								
Chloride	ND	1.5								

Sample ID: LCS-69119	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 69119	RunNo: 89865								
Prep Date: 7/28/2022	Analysis Date: 7/28/2022	SeqNo: 3202453 Units: mg/Kg								
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual								
Chloride	15	1.5 15.00 0 97.8 90 110								

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207C30

01-Aug-22

Client: Devon Energy
Project: Bell Lake 19 State 1H

Sample ID: MB-69117	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batch ID: 69117	RunNo: 89822									
Prep Date: 7/28/2022	Analysis Date: 7/28/2022	SeqNo: 3200941 Units: %Rec									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: DNOP	9.3		10.00		93.4	21	129				

Sample ID: LCS-69117	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch ID: 69117	RunNo: 89822									
Prep Date: 7/28/2022	Analysis Date: 7/28/2022	SeqNo: 3200942 Units: %Rec									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: DNOP	4.6		5.000		92.7	21	129				

Sample ID: MB-69110	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batch ID: 69110	RunNo: 89822									
Prep Date: 7/27/2022	Analysis Date: 7/28/2022	SeqNo: 3201010 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	15									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	8.8		10.00		87.8	21	129				

Sample ID: LCS-69110	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch ID: 69110	RunNo: 89822									
Prep Date: 7/27/2022	Analysis Date: 7/28/2022	SeqNo: 3201017 Units: mg/Kg									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	46	15	50.00	0	92.9	64.4	127				
Surr: DNOP	4.6		5.000		91.8	21	129				

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207C30

01-Aug-22

Client: Devon Energy**Project:** Bell Lake 19 State 1H

Sample ID: Ics-69077	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 69077	RunNo: 89847								
Prep Date: 7/26/2022	Analysis Date: 7/27/2022	SeqNo: 3199620 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	100	72.3	137			
Sur: BFB	2100		1000		207	37.7	212			
Sample ID: mb-69077	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 69077	RunNo: 89847								
Prep Date: 7/26/2022	Analysis Date: 7/27/2022	SeqNo: 3199621 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Sur: BFB	930		1000		93.4	37.7	212			
Sample ID: 2207c30-001ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: WS22-15	Batch ID: 69077	RunNo: 89847								
Prep Date: 7/26/2022	Analysis Date: 7/27/2022	SeqNo: 3199623 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	24.78	0	107	70	130			
Sur: BFB	2100		991.1		216	37.7	212			S
Sample ID: 2207c30-001amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: WS22-15	Batch ID: 69077	RunNo: 89847								
Prep Date: 7/26/2022	Analysis Date: 7/27/2022	SeqNo: 3199624 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	24.75	0	110	70	130	2.45	20	
Sur: BFB	2100		990.1		215	37.7	212	0	0	S

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 Quantitative 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

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2207C30

01-Aug-22

Client: Devon Energy
Project: Bell Lake 19 State 1H

Sample ID: Ics-69077	SampType: LCS		TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 69077		RunNo: 89847								
Prep Date: 7/26/2022	Analysis Date: 7/27/2022		SeqNo: 3199654 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	

Benzene	0.98	0.025	1.000	0	98.5	80	120				
Toluene	1.0	0.050	1.000	0	101	80	120				
Ethylbenzene	1.0	0.050	1.000	0	101	80	120				
Xylenes, Total	3.0	0.10	3.000	0	101	80	120				
Surr: 4-Bromofluorobenzene	0.87		1.000		87.4	70	130				

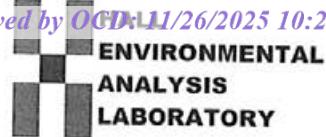
Sample ID: mb-69077	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 69077		RunNo: 89847								
Prep Date: 7/26/2022	Analysis Date: 7/27/2022		SeqNo: 3199655 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	ND	0.025									
Toluene	ND	0.050									
Ethylbenzene	ND	0.050									
Xylenes, Total	ND	0.10									
Surr: 4-Bromofluorobenzene	0.87		1.000		87.1	70	130				

Sample ID: 2207c30-002ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles								
Client ID: WS22-16	Batch ID: 69077		RunNo: 89847								
Prep Date: 7/26/2022	Analysis Date: 7/27/2022		SeqNo: 3199658 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.86	0.025	0.9814	0	87.8	68.8	120				
Toluene	0.88	0.049	0.9814	0	89.9	73.6	124				
Ethylbenzene	0.89	0.049	0.9814	0	90.6	72.7	129				
Xylenes, Total	2.7	0.098	2.944	0	90.7	75.7	126				
Surr: 4-Bromofluorobenzene	0.85		0.9814		86.6	70	130				

Sample ID: 2207c30-002amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles								
Client ID: WS22-16	Batch ID: 69077		RunNo: 89847								
Prep Date: 7/26/2022	Analysis Date: 7/27/2022		SeqNo: 3199659 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.93	0.025	0.9921	0	93.8	68.8	120	7.72	20		
Toluene	0.96	0.050	0.9921	0	97.0	73.6	124	8.70	20		
Ethylbenzene	0.98	0.050	0.9921	0	98.6	72.7	129	9.56	20		
Xylenes, Total	2.9	0.099	2.976	0	98.8	75.7	126	9.59	20		
Surr: 4-Bromofluorobenzene	0.86		0.9921		86.8	70	130	0	0		

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 Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		



Sample Log-In Check List

Client Name: Devon Energy

Work Order Number: 2207C30

RcptNo: 1

Received By: Juan Rojas 7/26/2022 6:50:00 AM *Juan Rojas*

Completed By: Cheyenne Cason 7/26/2022 7:56:31 AM *Cheyenne Cason*

Reviewed By: *JR 7-26-22*

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present

2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes No NA

4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA

5. Sample(s) in proper container(s)? Yes No

6. Sufficient sample volume for indicated test(s)? Yes No

7. Are samples (except VOA and ONG) properly preserved? Yes No

8. Was preservative added to bottles? Yes No NA

9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA

10. Were any sample containers received broken? Yes No

11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes No

12. Are matrices correctly identified on Chain of Custody? Yes No

13. Is it clear what analyses were requested? Yes No

14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes No

of preserved bottles checked for pH:
(<2 or >12 unless noted)
Adjusted?
Checked by: *JR 7/26/22*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	____	Date:	____
By Whom:	____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	____		
Client Instructions:	____		

16. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.7	Good	Not Present			

Chain-of-Custody Record

Client: Devon Energy
Date Woodall
Mailing Address:

Turn-Around Time:
 Standard Rush 48 HR

Project Name:
Bell Lake 19 State 1H

Project #:
22E-01100

Phone #:

email or Fax#:

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other

EDD (Type)

Project Manager:
Monica Peppin

Sampler: M. Wier

On Ice: Yes No

of Coolers: 1

Cooler Temp (including CF): 29-0.2 = 27 (°C)

Container Preservative HEAL No.
Type and # Type 2207C36

402 ice 001

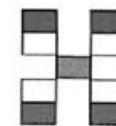
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HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX MTBE / TMB's (8021)
 TPH:8015D(GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270 SIMS

RCRA 8 Metals

(Cl)F, Br, NO₃, NO₂, PO₄, SO₄

82260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX	MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270 SIMS	RCRA 8 Metals	(Cl)F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	82260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7-22-22	9:20	Soil	WS22-15	402	ice	001	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>			
	9:30		WS22-16														
	9:40		WS22-17														
	9:50		WS22-18														
	10:00		BS22-17														
	10:10		BS22-18														

Received by: MC Relinquished by: Monica Wier
Time: 10:00 Date: 7/26/22 Time: 12:00
Remarks: lot #: 21015343

Received by: Monica Wier
Time: 10:00 Date: 7/26/22 Time: 6:50
Remarks: Direct bill Devon

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly noted on the analytical report.

Sante Fe Main Office
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General Information
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QUESTIONS

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

Action 529942

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529942
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2208125818
Incident Name	NAPP2208125818 BELL LAKE 19 STATE #001H @ 30-025-41024
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-025-41024] BELL LAKE 19 STATE #001H

Location of Release Source

Please answer all the questions in this group.

Site Name	BELL LAKE 19 STATE #001H
Date Release Discovered	03/21/2022
Surface Owner	State

Incident Details

Please answer all the questions in this group.

Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 4 BBL Recovered: 0 BBL Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	A 4" Ball Valve on the main water transfer line developed a pin hole. It is located at the edge of the pad and is after the water flow meter. The estimated volume is 3.8 bbls of produced water. The spill was not in a lined containment. The spill did impact the pad. The spill did run off the pad just behind the tanks. The lease operator shut down the transfer pump and closed the valve on the line.

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QUESTIONS, Page 2

Action 529942

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529942
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.
Reasons why this would be considered a submission for a notification of a major release	Unavailable.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/26/2025
--	--

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QUESTIONS, Page 3

Action 529942

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529942
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	440
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1510
GRO+DRO (EPA SW-846 Method 8015M)	690
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	09/14/2022
On what date will (or did) the final sampling or liner inspection occur	10/05/2023
On what date will (or was) the remediation complete(d)	10/05/2023
What is the estimated surface area (in square feet) that will be reclaimed	3327
What is the estimated volume (in cubic yards) that will be reclaimed	493
What is the estimated surface area (in square feet) that will be remediated	3327
What is the estimated volume (in cubic yards) that will be remediated	493

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 529942

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529942
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112340644 R360 ARTESIA LLC LANDFARM
OR which OCD approved well (API) will be used for off-site disposal	<i>Not answered.</i>
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/26/2025
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 529942

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529942
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only

Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.

Requesting a deferral of the remediation closure due date with the approval of this submission	No
--	----

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QUESTIONS, Page 6

Action 529942

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529942
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	320927
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/13/2022
What was the (estimated) number of samples that were to be gathered	17
What was the sampling surface area in square feet	1000

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	3327
What was the total volume (cubic yards) remediated	493
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	3327
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	see report

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/26/2025
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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 7

Action 529942

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529942
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS**Reclamation Report**

Only answer the questions in this group if all reclamation steps have been completed.

Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	3327
What was the total volume of replacement material (in cubic yards) for this site	389
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	05/15/2026
Summarize any additional reclamation activities not included by answers (above)	Summary in report

The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/26/2025
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QUESTIONS, Page 8

Action 529942

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529942
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report

Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.

Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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Santa Fe, NM 87505

CONDITIONS

Action 529942

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529942
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	1/30/2026