



Incident Number: nRM2008052559

Amended Release Assessment and Closure

Strawberry 7 Federal Com #009H

Section 7, Township 19 South, Range 31 East

API: 30-015-41574

County: Eddy

Vertex File Number: 25A-00738

Prepared for:

Devon Energy Production Company, LP

Prepared by:

Vertex Resource Services Inc.

Date:

March 2025

Devon Energy Production Company, LP
Strawberry 7 Federal Com #009H

Amended Release Assessment and Closure
March 2025

Release Assessment and Closure
Strawberry 7 Federal Com #009H
Section 7, Township 19 South, Range 31 East
API: 30-015-41574
County: Eddy

Prepared for:

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Date

Devon Energy Production Company, LP
Strawberry 7 Federal Com #009H

Amended Release Assessment and Closure
March 2025

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1.0 Introduction

Devon Energy Production Company, LP (Devon) retained Vertex Resource Services Inc. (Vertex) to conduct a Release Assessment and Closure for a produced water and crude oil release that occurred on March 16, 2020, at Strawberry 7 Federal Com #009H API 30-015-41574 (hereafter referred to as the “site”). Devon submitted an initial C-141 Release Notification to New Mexico Oil Conservation Division (NMOCD) District 2 on March 18, 2020. Incident ID number nRM2008052559 was assigned to this incident. A remediation closure request was submitted to the NMOCD on November 6, 2024, and was denied on December 16, 2024.

This report provides a description of the release assessment and remediation activities associated with the site. The information presented demonstrates that closure criteria established in Table I of 19.15.29.12 of the *New Mexico Administrative Code* (NMAC; New Mexico Oil Conservation Division, 2018) related to NMOCD has been met and all applicable regulations are being followed. This document is intended to serve as a final report to obtain approval from NMOCD for remediation closure of this release, with the understanding that restoration of the release site will be completed following remediation activities as per NMAC 19.15.29.13.

2.0 Incident Description

The release occurred on March 16, 2020, due to a hole in the 1” nipple on the pumping unit. The incident was reported on March 18, 2020, and involved the release of approximately 22 barrels (bbl) of produced water and 1 bbl of crude oil on the pad site. Approximately 10 bbl of fluid was removed during the initial clean-up.

3.0 Site Characteristics

The site is located approximately 30 miles northeast of Carlsbad, New Mexico at 32.671784° N, -103.901203° W. The legal location for the site is Section 7, Township 19 South and Range 31 East in Eddy County, New Mexico. The release area is located on federal property. An aerial photograph and site schematic are presented on Figure 1.

The location is typical of oil and gas exploration and production sites in the Permian Basin and is currently used for oil and gas production and storage. The following sections specifically describe the release area at the site or in proximity to the constructed pad (Figure 1).

The Geological Map of New Mexico (New Mexico Bureau of Geology and Mineral Resources, 2024) indicates the site’s surface geology primarily comprises Qep – eolian and piedmont deposits (Holocene to middle Pleistocene). The soil at the site is characterized as gravelly fine sandy loam (United States Department of Agriculture, Natural Resources Conservation Service, 2024). Additional soil characteristics include a drainage class of well drained to well drained with a very high runoff class. The karst geology potential for the site is medium (United States Department of the Interior, Bureau of Land Management, 2018).

The surrounding landscape is associated with plains and fan piedmonts with elevations ranging between 2,842 and 4,500 feet. The climate is semiarid with average annual precipitation ranging between 8 and 13 inches. Using information from the United States Department of Agriculture, the dominant vegetation was determined to be grasses and shrubs. Black grama (*Bouteloua eriopoda*) dominates the historical plant community (United States Department of

Agriculture, Natural Resources Conservation Service, 2024). Limited to no vegetation is allowed to grow on the compacted production pad, right-of-way and access road.

4.0 Closure Criteria Determination

The nearest depth to groundwater reference within 0.5 mile of the site is a dry hole, CP-01907 POD 1, that was drilled on July 13, 2022, to 55 feet (New Mexico Office of the State Engineer, 2024). It is located 0.44 miles south of the site; therefore, the closure criteria for the incident assumes depth to groundwater between 51 and 100 feet below ground surface (bgs).

There is no surface water present at the site. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 NMAC, is an intermittent stream located approximately 1.32 miles southwest of the site (United States Fish and Wildlife Service, 2024). At the site, there are no continuously flowing watercourses or significant watercourses, lakebeds, sinkholes, playa lakes or other critical water or community features as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC. Information pertaining to the closure criteria determination is summarized in Table 1 and references are included in Appendix A.

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Table 1. Closure Criteria Determination			
Site Name: Strawberry 7 Federal Com #009H			
Spill Coordinates: 32.671784, -103.901203		X: 603026	Y: 3615435
Site Specific Conditions		Value	Unit
1	Depth to Groundwater (nearest reference)	>55	feet
	Distance between release and nearest DTGW reference	2,287	feet
		0.43	miles
Date of nearest DTGW reference measurement		July 13, 2022	
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	6,934	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	7,517	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	17,608	feet
5	i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or	10,176	feet
	ii) Within 1000 feet of any fresh water well or spring	No	feet
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	(Y/N)
7	Within 300 feet of a wetland	4,754	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
	Distance between release and nearest registered mine	21,120	feet
9	Within an unstable area (Karst Map)	Medium	Critical High Medium Low
	Distance between release and nearest unstable area	5,509	feet
10	Within a 100-year Floodplain	>500	year
	Distance between release and nearest FEMA Zone A (100-year Floodplain)	14,860	feet
11	Soil Type	Gravelly Fine Sandy loam	
12	Ecological Classification	Shallow Sandy	
13	Geology	Eolian and piedmont deposits	
NMAC 19.15.29.12 E (Table 1) Closure Criteria		51-100'	<50' 51-100' >100'

The closure criteria determined for the site are associated with the following constituent concentration limits as presented in Table 2.

Table 2. Closure Criteria for Soils Impacted by a Release		
Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Limit
51 feet - 100 feet	Chloride	10,000 mg/kg
	TPH (GRO+DRO+MRO)	2,500 mg/kg
	GRO+DRO	1,000 mg/kg
	BTEX	50 mg/kg
	Benzene	10 mg/kg

TDS – total dissolved solids

TPH – total petroleum hydrocarbons, GRO – gas range organics, DRO – diesel range organics, MRO – motor oil range organics

BTEX – benzene, toluene, ethylbenzene and xylenes

5.0 Remedial Actions Taken

5.1 Characterization and Remediation

An initial site inspection of the release area was completed on December 19, 2023, which identified the area of the release specified in the initial C-141 Report, estimated the approximate volume of the release. The impacted area was determined to be approximately 169 feet long and 152 feet wide; the total affected area is 18,781 square feet. The field screening and laboratory results are presented in Table 3 and the sampling site schematic is presented on Figure 1. The impacted area exceeding closure criteria was initially estimated to be 395 square feet as presented on Figure 1.

Remediation efforts for the area with exceedances to closure criteria began on May 29, 2024, and were finalized on June 17, 2024. Vertex personnel supervised the excavation of impacted soils. Field screening was completed on a total of three sample points and consisted of analysis using a Photo Ionization Detector (volatile hydrocarbons), Dextsil Petroflag using EPA SW-846 Method 9074 (extractable hydrocarbons) and electroconductivity meter (chloride). Field screening results were used to identify areas requiring further remediation. Soil was removed to a depth of 1 foot bgs. Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility as stipulated by the Form C-138 Request for Approval to Accept Solid Waste – New Mexico filed with the NMOCD. Daily Field Reports (DFRs) documenting various phases of the remediation are presented in Appendix B.

Notifications that confirmatory samples were being collected was provided to the NMOCD and are included in Appendix C. Confirmatory composite samples were collected from the base and walls of the excavation in 200 square foot increments. A total of three samples were collected for laboratory analysis following NMOCD soil sampling procedures. Additionally, two composite samples were collected and assessed from selected backfill material prior to hauling onto the site. Samples were submitted to Eurofins in Albuquerque, New Mexico, under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), total petroleum hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and total chlorides (EPA Method 300.0). Laboratory results are presented in Table 4, and the laboratory data reports are included in Appendix D.

5.2 Closure Denial and Additional Sampling

Devon submitted the initial closure and deferral report to the NMOCD on November 6, 2024. The initial request was denied on December 16, 2024, with following notations:

"The Remediation Closure Report is Denied. The Remediation Closure Report includes an inadequate number of confirmation samples. Please collect confirmation samples, representing no more than 200 ft2. Collect 5-point confirmation samples every 200 ft2 throughout the entire release area and not just at delineation sample point locations that show contaminants over closure criteria standards."

On February 18, 2025, Vertex requested a variance for confirmation samples to represent increments 400 square feet over the impacted area. The variance was approved on February 18, 2025, with the following notations:

"The variance is approved for 400 ft2. The release area will still need confirmation sidewall samples representing no more than 200 ft2. Please include this e-mail correspondence in the remediation and/or closure report."

Confirmation samples BS25-03 through BS25-51 were collected on February 17 and 18, 2025, in increments of 400 square feet per the approved variance. The additional samples were collected from the pad surface within the area of impact outside the previously excavated remediation area. The greater impact area was below closure criteria and did not undergo remediation. Other than the excavation sidewall from the previous excavation, the impacted area of the pad surface did not have sidewalls to collect samples from. Sample point locations and corresponding laboratory results are presented on Figure 2 and Table 4.

Laboratory results for GRO+DRO and TPH (1,700 and 3,100 ppm, respectively) for excavation base sample BS25-25 exceeded NMOCD remediation criteria, as presented in Table 4. Notification that additional confirmatory samples were being collected for the pad surface was provided to the NMOCD and confirmation sample BS25-25 was re-collected on March 13, 2025. The DFRs describing additional sampling are presented in Appendix B. Laboratory results are presented in Appendix D. All final confirmatory samples collected and analyzed were below closure criteria limits for the site.

6.0 Closure Request

Vertex recommends no additional remediation action to address the release at Strawberry 7 Federal Com #009H. Additional confirmation sampling was performed from greater release area per NMOCD request. Laboratory analyses of the final confirmatory samples showed constituent of concern concentration levels below NMOCD closure criteria for areas where depth to groundwater is between 51 and 100 feet bgs as shown in Table 2. There are no anticipated risks to human, ecological or hydrological receptors associated with the release site. The excavation was backfilled with non-waste-containing, uncontaminated, earthen material, sourced locally, and placed to meet the site's existing grade to prevent ponding of water and erosion.

Vertex requests that the incident (nRM2008052559) be closed as all closure requirements set forth in Subsection E of 19.15.29.12 NMAC have been met. Devon certifies that all information in this report and the attachments is correct,

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and that they have complied with all applicable closure requirements and conditions specified in Division rules and directives to meet NMOCD requirements to obtain closure on the March 16, 2020, release at Strawberry 7 Federal Com #009H.

Should you have any questions or concerns, please do not hesitate to contact Kent Stallings at 346.814.1413 or kstallings@vertexresource.com.

Devon Energy Production Company, LP
Strawberry 7 Federal Com #009H

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March 2025

7.0 References

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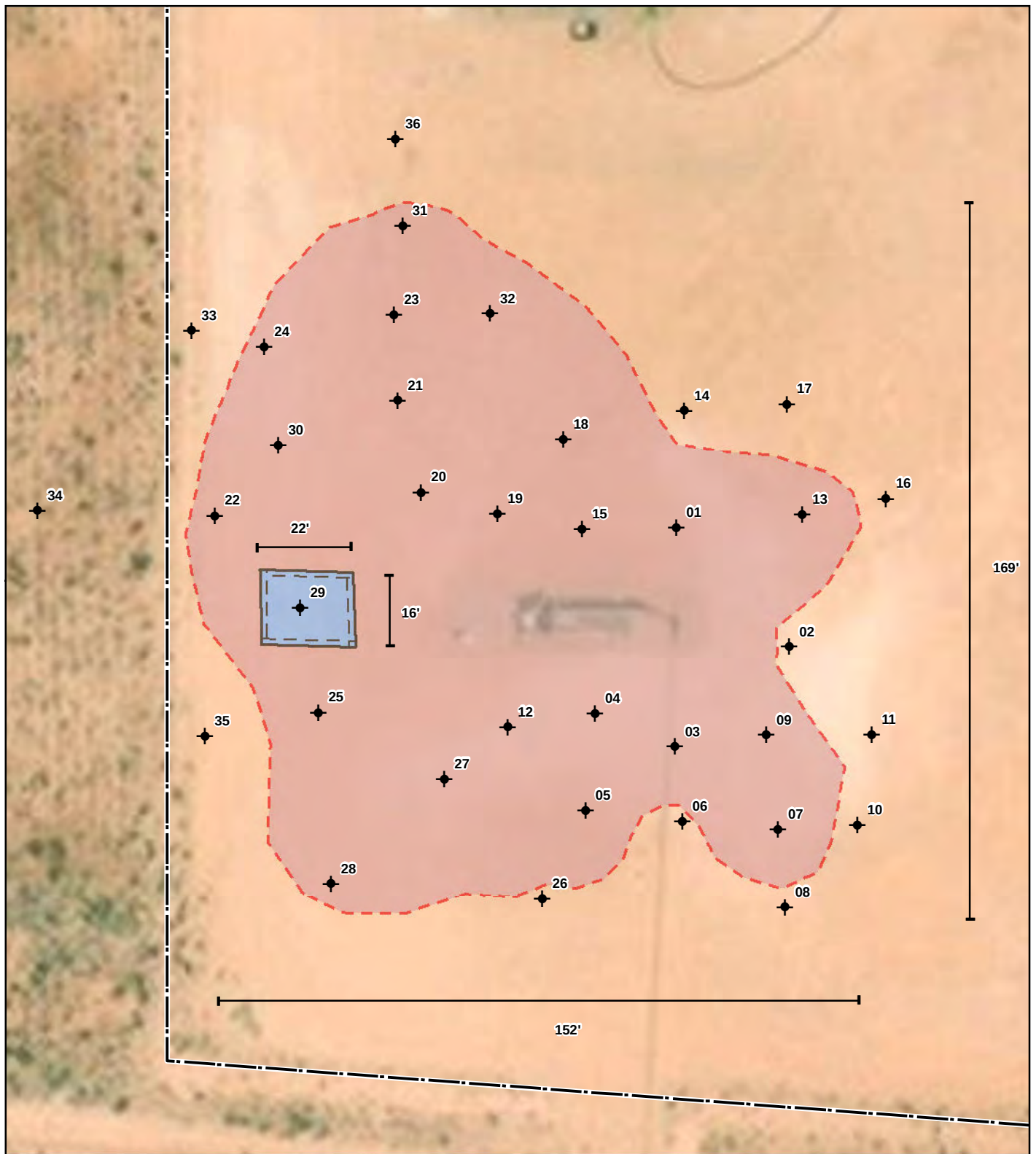
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8.0 Limitations

This report has been prepared for the sole benefit of Devon Energy Production Company, LP. 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 Production Company, LP. 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



- ◆ Borehole (Prefixed by "BH23-")
 [Blue Box] Proposed Excavation to 1' (~395 sq. ft.)
 [Red Outline] Approximate Lease Boundary
 [Red Fill] Proposed Spill Area (~18,781 sq. ft.)



0 5 10 20 ft
 NAD 1983 UTM Zone 13N
 Date: Nov 07/23

Map Center:
 Lat: 32.671804,
 Long: -103.901320



**Characterization Sampling
 Site Schematic
 Strawberry 7 Federal Com #009H**

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: Georeferenced image from Esri, 2022. Approximate lease boundary from imagery by Vertex Professional Services Ltd. (Vertex), 2023. Site features from GPS by Vertex, 2023.

VERSATILITY. EXPERTISE.



- Historical Base Sample (Prefixed by "BS24-")
- Base Sample (Prefixed by "BS25-")
- ▢ Excavation to 1' bgs (~380 sq.ft. | 79 ft)
- ▲ Historical Wall Sample (Prefixed by "WS24-")
- ▢ Approximate Lease Boundary
- ▢ Release Area (~18,781 sq.ft.)



0 20 40 ft
NAD 1983 UTM Zone 13N
Date: Feb 25/25

Map Center:
Lat/Long
32.671814°, -103.901248°



Confirmation Sampling Site Schematic Strawberry 7 Federal Com #009H

FIGURE:

2



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: Georeferenced image from Esri, 2020. Approximate site boundary from sketch by Vertex Professional Services Ltd. (Vertex), 2023. Site features from GPS, Vertex, 2025.

VERSATILITY. EXPERTISE.

TABLES

Client Name: Devon Energy Production Company, LP

Site Name: Strawberry 7 Federal Com #009H

NMOCD Tracking #: nRM2008052559

Project #: 25A-00738

Lab Reports: 2309C50, 2309E40, 2310438, 2310925, and 2312C27

Table 3. Initial Characterization Sample Field Screen and Laboratory Results - Depth to Groundwater 51 - 100 feet bgs												
Sample Description			Field Screening		Laboratory Results							
Sample ID	Depth (ft)	Sample Date	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Petroleum Hydrocarbons							Inorganic
					Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BH23-01	0	September 20, 2023	-	3,637	ND	ND	ND	ND	ND	ND	ND	2,200
	2	September 20, 2023	49	217	ND	ND	ND	ND	ND	ND	ND	140
BH23-02	0	September 20, 2023	25	0	ND	ND	ND	ND	ND	ND	ND	61
	2	September 20, 2023	31	44	ND	ND	ND	ND	ND	ND	ND	75
BH23-03	0	September 20, 2023	46	723	ND	ND	ND	ND	ND	ND	ND	880
	2	September 20, 2023	-	3,743	ND	ND	ND	ND	ND	ND	ND	3600
	4	September 20, 2023	56	487	ND	ND	ND	ND	ND	ND	ND	140
BH23-04	0	September 20, 2023	-	4,771	ND	ND	ND	ND	ND	ND	ND	4500
	2	September 20, 2023	44	1,043	ND	ND	ND	ND	ND	ND	ND	730
BH23-05	0	September 20, 2023	14	894	ND	ND	ND	ND	ND	ND	ND	440
	2	September 20, 2023	32	290	ND	ND	ND	ND	ND	ND	ND	190
BH23-06	0	September 20, 2023	37	559	ND	ND	ND	ND	ND	ND	ND	410
	2	September 20, 2023	20	213	ND	ND	ND	ND	ND	ND	ND	100
BH23-07	0	September 20, 2023	-	5,461	ND	ND	ND	ND	ND	ND	ND	5400
	2	September 20, 2023	19	229	ND	ND	ND	ND	ND	ND	ND	200
BH23-08	0	September 20, 2023	3	0	ND	ND	ND	ND	ND	ND	ND	ND
	2	September 20, 2023	9	80	ND	ND	ND	ND	ND	ND	ND	66
BH23-09	0	September 20, 2023	-	7,500	ND	ND	ND	ND	ND	ND	ND	7300
	2	September 20, 2023	-	2,010	ND	ND	ND	ND	ND	ND	ND	1900
	4	September 20, 2023	25	311	ND	ND	ND	ND	ND	ND	ND	110
BH23-10	0	September 20, 2023	22	375	ND	ND	ND	ND	ND	ND	ND	280
	2	September 20, 2023	30	116	ND	ND	ND	ND	ND	ND	ND	69
BH23-11	0	September 20, 2023	31	744	ND	ND	ND	ND	ND	ND	ND	390
	2	September 20, 2023	20	103	ND	ND	ND	ND	ND	ND	ND	ND
BH23-12	0	September 20, 2023	17	581	ND	ND	ND	ND	ND	ND	ND	400
	2	September 20, 2023	29	593	ND	ND	ND	ND	ND	ND	ND	450
BH23-13	0	September 22, 2023	-	793	ND	ND	ND	ND	ND	ND	ND	710
	2	September 22, 2023	-	37	ND	ND	ND	ND	ND	ND	ND	71
BH23-14	0	September 22, 2023	52	184	ND	ND	ND	ND	ND	ND	ND	130
	2	September 22, 2023	124	44	ND	ND	ND	ND	ND	ND	ND	130
	4	September 22, 2023	90	50	ND	ND	ND	ND	ND	ND	ND	390
BH23-15	0	September 22, 2023	-	2,170	ND	ND	ND	ND	ND	ND	ND	2700
	2	September 22, 2023	-	77	ND	ND	ND	ND	ND	ND	ND	310
BH23-16	0	September 22, 2023	-	353	ND	ND	ND	ND	ND	ND	ND	380
	2	September 22, 2023	-	0	ND	ND	ND	ND	ND	ND	ND	ND
	4	September 22, 2023	87	0	ND	ND	ND	ND	ND	ND	ND	ND
BH23-17	0	September 22, 2023	48	0	ND	ND	ND	ND	ND	ND	ND	ND
	2	September 22, 2023	143	0	ND	ND	ND	ND	ND	ND	ND	ND
BH23-18	0	September 22, 2023	151	503	ND	ND	ND	ND	ND	ND	ND	730
	2	September 22, 2023	189	382	ND	ND	ND	ND	ND	ND	ND	390
BH23-19	0	September 22, 2023	-	1,095	-	-	-	-	-	-	-	-
	2	September 22, 2023	-	0	-	-	-	-	-	-	-	-
BH23-20	0	September 22, 2023	-	3,993	ND	ND	ND	ND	ND	ND	ND	5300
	2	September 22, 2023	-	418	ND	ND	ND	ND	ND	ND	ND	610
BH23-21	0	September 22, 2023	-	477	ND	ND	ND	ND	ND	ND	ND	760
BH23-22	0	September 22, 2023	-	790	ND	ND	ND	ND	ND	ND	ND	1100
BH23-23	0.5	September 22, 2023	-	4,892	ND	ND	ND	ND	ND	ND	ND	6400
BH23-24	0	September 22, 2023	-	557	ND	ND	ND	ND	ND	ND	ND	950
	1.5	September 22, 2023	-	126	ND	ND	ND	ND	ND	ND	ND	570
BH23-25	0	September 22, 2023	-	1883	ND	ND	ND	290	ND	290	290	2,300
	1.5	September 22, 2023	-	675	ND	ND	ND	ND	ND	ND	ND	870

Client Name: Devon Energy Production Company, LP

Site Name: Strawberry 7 Federal Com #009H

NMOCD Tracking #: nRM2008052559

Project #: 25A-00738

Lab Reports: 2309C50, 2309E40, 2310438, 2310925, and 2312C27

Table 3. Initial Characterization Sample Field Screen and Laboratory Results - Depth to Groundwater 51 - 100 feet bgs												
Sample Description			Field Screening		Laboratory Results							
Sample ID	Depth (ft)	Sample Date	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Petroleum Hydrocarbons							Inorganic
					Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BH23-26	0	October 5, 2023	33	381	ND	ND	ND	ND	ND	ND	ND	170
	2	October 5, 2023	42	245	ND	ND	ND	ND	ND	ND	ND	140
BH23-27	0	October 5, 2023	13	1,010	ND	ND	ND	ND	ND	ND	ND	240
	2	October 5, 2023	35	812	ND	ND	ND	ND	ND	ND	ND	400
BH23-28	0	October 5, 2023	96	639	ND	ND	ND	9.8	ND	9.8	9.8	650
	2	October 5, 2023	63	317	ND	ND	ND	ND	ND	ND	ND	230
BH23-29	0	October 6, 2023	0	772	ND	ND	ND	4500	ND	4500	4500	600
	2	October 6, 2023	9	281	ND	ND	ND	23	ND	23	23	220
BH23-30	0	October 6, 2023	52	6,193	ND	ND	ND	ND	ND	ND	ND	9100
	2	October 6, 2023	17	3,735	ND	ND	ND	ND	ND	ND	ND	3400
	4	December 19, 2023	55	240	ND	ND	ND	ND	ND	ND	ND	71
BH23-31	0	October 6, 2023	23	1,541	ND	ND	ND	ND	ND	ND	ND	2200
	2	October 6, 2023	9	801	ND	ND	ND	ND	ND	ND	ND	700
BH23-32	0	October 6, 2023	0	1,873	ND	ND	ND	ND	ND	ND	ND	2100
	2	October 6, 2023	12	850	ND	ND	ND	ND	ND	ND	ND	670
BH23-33	0	October 17, 2023	7	0	ND	ND	ND	ND	ND	ND	ND	100
	2	October 17, 2023	54	69	ND	ND	ND	ND	ND	ND	ND	130
BH23-34	0	October 17, 2023	18	0	ND	ND	ND	ND	ND	ND	ND	ND
	2	October 17, 2023	19	43	ND	ND	ND	ND	ND	ND	ND	ND
BH23-35	0	October 17, 2023	23	0	ND	ND	ND	ND	ND	ND	ND	70
	2	October 17, 2023	6	0	ND	ND	ND	ND	ND	ND	ND	ND
BH23-36	0	December 19, 2023	44	532	ND	ND	ND	ND	ND	ND	ND	150
	2	December 19, 2023	35	375	ND	ND	ND	ND	ND	ND	ND	ND
BH23-37	0	December 19, 2023	47	561	ND	ND	ND	ND	ND	ND	ND	ND
	2	December 19, 2023	1	430	ND	ND	ND	ND	ND	ND	ND	ND

"ND" Not Detected at the Reporting Limit

"-" indicates not analyzed/assessed

Bold and grey shaded indicates exceedance outside of NMOCD Remediation Closure Criteria

Client Name: Devon Energy Production Company, LP
 Site Name: Strawberry 7 Federal Com #009H
 NMOC Tracking #: nRM2008052559
 Project #: 25A-00738
 Lab Reports: 885-5356-1, 885-5892-1, 885-20271-1, and 885-21475-1

Table 4. Confirmation Sample Laboratory Results

Table 4. Confirmation Sample Laboratory Results											
Sample Description			Petroleum Hydrocarbons								Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable						
			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)	(mg/kg)				
Depth to Groundwater 51-100 feet bgs											
Backfill-01	0	May 29, 2024	ND	ND	ND	ND	ND	ND	ND	68	
Backfill-02	0	May 29, 2024	ND	ND	ND	ND	ND	ND	ND	63	
WS24-01	0-1	June 6, 2024	ND	ND	ND	410	ND	410	410	2,300	
BS24-01	1	June 6 2024	ND	ND	ND	1,000	ND	1,000	1,000	490	
BS24-02	1	June 6, 2024	ND	ND	ND	87	ND	87	87	3,200	
BS25-03	0	February 17, 2025	ND	ND	ND	690	54	690	744	590	
BS25-04	0	February 17, 2025	ND	ND	ND	ND	ND	ND	ND	4,500	
BS25-05	0	February 17, 2025	ND	ND	ND	91	550	91	641	1,200	
BS25-06	0	February 17, 2025	ND	ND	ND	ND	ND	ND	ND	150	
BS25-07	0	February 17, 2025	ND	ND	ND	ND	ND	ND	ND	74	
BS25-08	0	February 17, 2025	ND	ND	ND	ND	ND	ND	ND	330	
BS25-09	0	February 17, 2025	ND	ND	ND	ND	ND	ND	ND	830	
BS25-10	0	February 17, 2025	ND	ND	ND	ND	ND	ND	ND	390	
BS25-11	0	February 17, 2025	ND	ND	ND	ND	ND	ND	ND	570	
BS25-12	0	February 17, 2025	ND	ND	ND	ND	ND	ND	ND	1,100	
BS25-13	0	February 17, 2025	ND	ND	ND	25	78	25	103	350	
BS25-14	0	February 17, 2025	ND	ND	ND	100	390	100	490	1,400	
BS25-15	0	February 17, 2025	ND	ND	ND	13	ND	13	13	1,000	
BS25-16	0	February 17, 2025	ND	ND	ND	ND	ND	ND	ND	690	
BS25-17	0	February 17, 2025	ND	ND	ND	170	ND	170	170	2,800	
BS25-18	0	February 17, 2025	ND	ND	ND	920	78	920	998	800	
BS25-19	0	February 17, 2025	ND	ND	ND	52	59	52	111	2,600	
BS25-20	0	February 17, 2025	ND	ND	ND	31	78	31	109	950	
BS25-21	0	February 17, 2025	ND	ND	ND	ND	ND	ND	ND	440	
BS25-22	0	February 17, 2025	ND	ND	ND	ND	ND	ND	ND	220	
BS25-23	0	February 17, 2025	ND	ND	ND	ND	ND	ND	ND	1,500	
BS25-24	0	February 17, 2025	ND	ND	ND	210	680	210	890	1,400	
BS25-25	0	February 17, 2025	ND	ND	ND	1700	1400	1700	3100	5,000	
		March 13, 2025	ND	ND	ND	61	100	61	161	2,100	
BS25-26	0	February 17, 2025	ND	ND	ND	16	ND	16	16	4,300	
BS25-27	0	February 17, 2025	ND	ND	ND	15	ND	15	15	5,100	
BS25-28	0	February 17, 2025	ND	ND	ND	14	ND	14	14	620	
BS25-29	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	6,600	
BS25-30	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	4,300	
BS25-31	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	4,200	
BS25-32	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	5,500	
BS25-33	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	5,100	
BS25-34	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	200	
BS25-35	0	February 18, 2025	ND	ND	ND	13	ND	13	13	440	
BS25-36	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	350	
BS25-37	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	6,000	

Client Name: Devon Energy Production Company, LP
 Site Name: Strawberry 7 Federal Com #009H
 NMOCD Tracking #: nRM2008052559
 Project #: 25A-00738
 Lab Reports: 885-5356-1, 885-5892-1, 885-20271-1, and 885-21475-1

Table 4. Confirmation Sample Laboratory Results											
Sample Description			Petroleum Hydrocarbons								Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable						
			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	Chloride Concentration (mg/kg)	
Depth to Groundwater 51-100 feet bgs											
BS25-38	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	ND	2,100
BS25-39	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	ND	4,700
BS25-40	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	ND	2,200
BS25-41	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	ND	5,500
BS25-42	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	ND	4,800
BS25-43	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	ND	4,900
BS25-44	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	ND	5,600
BS25-45	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	ND	2,300
BS25-46	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	ND	1,100
BS25-47	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	ND	3,600
BS25-48	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	ND	3,200
BS25-49	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	ND	4,700
BS25-50	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	ND	4,700
BS25-51	0	February 18, 2025	ND	ND	ND	ND	ND	ND	ND	ND	200

"ND" Not Detected at the Reporting Limit

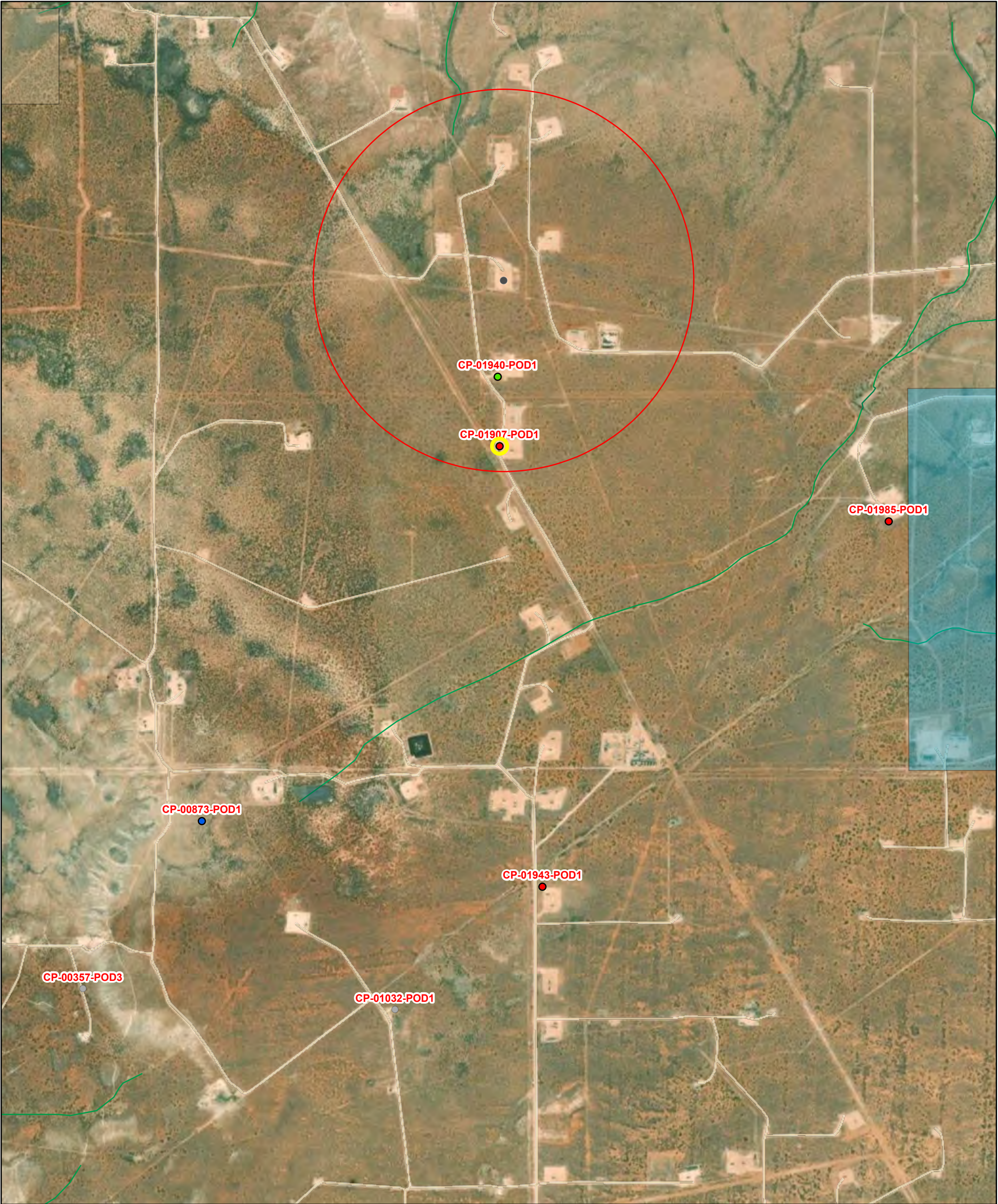
"-" indicates not analyzed/assessed

Bold and grey shaded indicates exceedance outside of NMOCD Remediation Closure Criteria

Bold and blue shaded indicates re-collected sample results inside NMOCD Remediation Closure Criteria

APPENDIX A – Closure Criteria Research Documentation

OSE POD 0.5 miles



3/14/2025, 6:40:01 PM

GIS WATERS PODs



OSE District Boundary

NHD Flowlines



Active

New Mexico State Trust Lands



Subsurface Estate

Artificial Path



Pending

Connector



Plugged

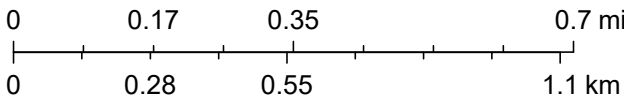


Both Estates

Stream River



1:18,056



Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

(In feet)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
CP 01907 POD1		CP	ED	SE	NE	NE	18	19S	31E	603017.2	3614737.1		697			
CP 01985 POD1		CP	ED	NE	SE	NE	17	19S	31E	604666.5	3614438.3		1919	55		
CP 01943 POD1		CP	ED	NW	SW	NW	20	19S	31E	603217.4	3612883.9		2558	55		
CP 00873 POD1		CP	LE		NW	NW	19	19S	31E	601772.0	3613147.0 *		2609	340	180	160
CP 02011 POD1		CP	ED	SW	SW	SW	10	19S	31E	606373.4	3615144.8		3359	105		
CP 00829 POD1		CP	LE		NE	SE	16	19S	31E	606165.0	3614009.0 *		3447	120		
CP 00357 POD1		CP	ED	SE	SE	NW	24	19S	30E	600667.0	3612631.0 *		3664	630		
CP 00357 POD2		CP	ED	SE	SW	NW	24	19S	30E	600265.0	3612627.0 *		3938	630		
CP 01941 POD1		CP	ED	SW	NE	NE	29	19S	31E	604524.2	3611512.8		4198	55	54	1
CP 01554 POD1		CP	LE	NE	NE	NW	22	19S	31E	607165.6	3613354.6		4632	400		
CP 01554 POD2		CP	LE	NE	NE	NW	22	19S	31E	607165.4	3613322.3		4647	400		
CP 00722 POD2		CP	ED	NE	NW	NW	25	19S	30E	600276.0	3611620.0 *		4702	350	65	285
CP 00647 POD1	O	CP	ED	SE	NE	NE	15	19S	30E	598235.0	3614621.0 *		4859	200	92	108
														Average Depth to Water: 97 feet		
														Minimum Depth: 54 feet		
														Maximum Depth: 180 feet		

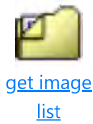
Record Count: 13

UTM Filters (in meters):
Easting: 603026
Northing: 3615435
Radius: 005000

* UTM location was derived from PLSS - see Help

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

Water Right Summary



WR File Number:	CP 01907	Subbasin:	CP	Cross Reference:
Primary Purpose:	MON MONITORING WELL			
Primary Status:	PMT Permit			
Total Acres:		Subfile:		Header:
Total Diversion:	0.000	Cause/Case:		
Owner:	DEVON ENERGY	Owner Class:	Owner	
Contact:	DALE WOODALL			

Documents on File

(acre-feet per annum)

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion	Consumptive
 _get images	726167	EXPL	2022-05-23	PMT	LOG	CP 01907 POD1	T	0.000	0.000	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tw	Rng	X	Y	Map	Other Location Desc
CP 01907 POD1	NA		SE	NE	NE	18	19S	31E	603017.2	3614737.1		TW-1

* UTM location was derived from PLSS - see Help

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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). CP-1907			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES 32		MINUTES 39	SECONDS 55.76	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103		54	4.95	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE NE NE Sec.18 T19S R31S NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 7/13/2022		DRILLING ENDED 7/13/2022		DEPTH OF COMPLETED WELL (FT) Temporary Well	BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A	
	COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 7/13/2022, 7/1/2022	
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	55	±6.5	Boring-HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. CP-1907-POD1 TW-1	POD NO. 1	TRN NO. 726167
LOCATION 19.31.18.422	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	29	29	Sand, Medium/ Fine grained, poorly graded, Light brown	Y ✓ N	
	29	44	15	Sand, Medium/ Fine grained, poorly graded, with caliche Light brown / white	Y ✓ N	
	44	55	11	Sand, Medium/ Fine grained, poorly graded, Light brown	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

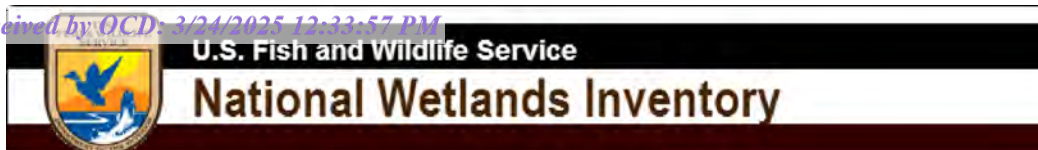
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface.	
	OSE 37 AUG 11 2022-02 11 PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME <i>Jackie D. Atkins</i> Jackie D. Atkins	DATE 8/4/2022

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. <u>CP-1907-P001 TW-1</u>	POD NO. <u>1</u>	TRN NO. <u>726167</u>
LOCATION <u>19.31.18.422</u>	WELL TAG ID NO. <u> </u>	PAGE 2 OF 2



Strawberry 7 Federal Com #009 Watercourse 6,934 ft



July 20, 2023

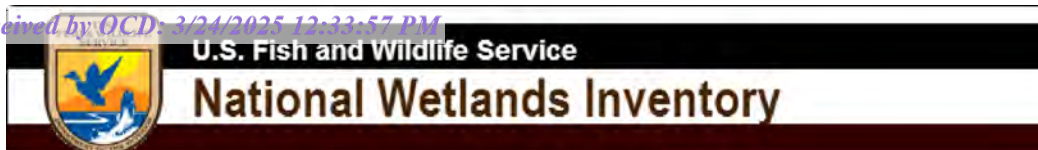
Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



Strawberry 7 Federal Com #009H Lake 7,517ft



July 20, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

Strawberry 7 Federal Com #009H

Nearest Residence - 17,608ft

Legend

 Residence

 Strawberry 7 Federal Com #009H

 Hackberry Lake Dunes Complex

 Residence

Carlsbad 100 Gas It Offroad

Google Earth

2 mi



Active & Inactive Points of Diversion
(with Ownership Information)

(acre ft per annum)				(R=POD has been replaced and no longer serves this file, C=the file is closed)						(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)		(meters)		
WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	q64	q16	q4	Sec	Tws	Range	X	Y	Map	Distance
CP 01940	CP	EXP	0.000	DEVON ENERGY	ED	CP 01940 POD1	NA				SE	SE	SE	07	19S	31E	603004.2	3615030.5		405.1
CP 01907	CP	MON	0.000	DEVON ENERGY	ED	CP 01907 POD1	NA				SE	NE	NE	18	19S	31E	603017.2	3614737.1		698.0
CP 01985	CP	MON	0.000	DEVON ENERGY RESOURCES	ED	CP 01985 POD1	NA				NE	SE	NE	17	19S	31E	604666.5	3614438.3		1,919.5
CP 01943	CP	EXP	0.000	DEVON ENERGY	ED	CP 01943 POD1	NA				NW	SW	NW	20	19S	31E	603217.4	3612883.9		2,558.3
CP 00873	CP	PRO	0.000	SANTA FE ENERGY	LE	CP 00873 POD1				Shallow		NW	NW	19	19S	31E	601772.0	3613147.0 *		2,609.1
CP 01032	CP	STK	3.000	G & L CATTLE, LLC	ED	CP 01032 POD1					NE	NW	SE	19	19S	31E	602600.1	3612362.6		3,101.8
CP 02011	CP	EXP	0.000	DEVON ENERGY CO.	ED	CP 02011 POD1	NA				SW	SW	SW	10	19S	31E	606373.4	3615144.8		3,360.0
CP 02053	CP	SAN	1.000	FRONTIER FIELD SERVICES, LLC	ED	CP 02053 POD1	216DA				SE	NE	NE	16	19S	31E	606328.8	3614710.7		3,381.3
CP 00829	CP	PLS	3.000	SNYDER RANCHES	LE	CP 00829 POD1				Shallow		NE	SE	16	19S	31E	606165.0	3614009.0 *		3,447.7
CP 00357	CP	SRO	48.000	GULF OIL CORPORATION	ED	CP 00357 POD3					NW	NE	SE	24	19S	30E	601276.0	3612437.0 *		3,471.4
					ED	CP 00357 POD1				Shallow	SE	SE	NW	24	19S	30E	600667.0	3612631.0 *		3,664.3
					ED	CP 00357 POD2				Shallow	SE	SW	NW	24	19S	30E	600265.0	3612627.0 *		3,938.0
CP 01941	CP	EXP	0.000	DEVON ENERGY	ED	CP 01941 POD1	NA			Shallow	SW	NE	NE	29	19S	31E	604524.2	3611512.8		4,198.6
CP 01554	CP	CPS	0.000	CENTRAL VALLEY ELECTRIC CO-OP	LE	CP 01554 POD1					NE	NE	NW	22	19S	31E	607165.6	3613354.6		4,633.0
					LE	CP 01554 POD2					NE	NE	NW	22	19S	31E	607165.4	3613322.3		4,647.4
CP 00722	CP	COM	90.000	G & L CATTLE, LLC	ED	CP 00722 POD2				Shallow	NE	NW	NW	25	19S	30E	600276.0	3611620.0 *		4,702.8

Record Count: 16

Filters Applied:

UTM Filters (in meters):

Easting: 603026

Northing: 3615435

Radius: 005000

Sorted By: Distance

* UTM location was derived from PLSS - see Help

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

3/14/25 6:26 PM MST

Active & Inactive Points of Diversion

Water Right Summary



[get image](#)
[list](#)

WR File Number:	CP 01032	Subbasin:	CP	Cross Reference:
Primary Purpose:	STK 72-12-1 LIVESTOCK WATERING			
Primary Status:	PMT Permit			
Total Acres:		Subfile:	Header:	
Total Diversion:	3.000	Cause/Case:		
Owner:	G & L CATTLE, LLC	Owner Class:	Owner	
Contact:	GRANT SMITH			
Owner:	BLM	Owner Class:	Owner	
Contact:	STEVE DALY			

Documents on File

(acre-feet per annum)

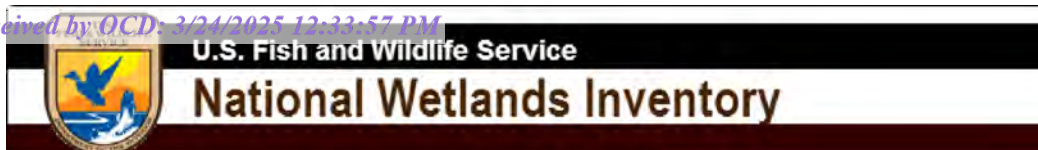
Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion	Consumptive
_get images 602030		COWNF	2015-01-12	CHG	PRC	CP 01032	T		3.000	
_get images 477302		72121	2009-12-23	PMT	APR	CP 01032	T		3.000	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
CP 01032 POD1			NE	NW	SE	19	19S	31E	602600.1	3612362.6		

* UTM location was derived from PLSS - see [Help](#)

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



Strawberry 7 Federal Com #009H
Wetland 4,754ft



July 20, 2023

Wetlands

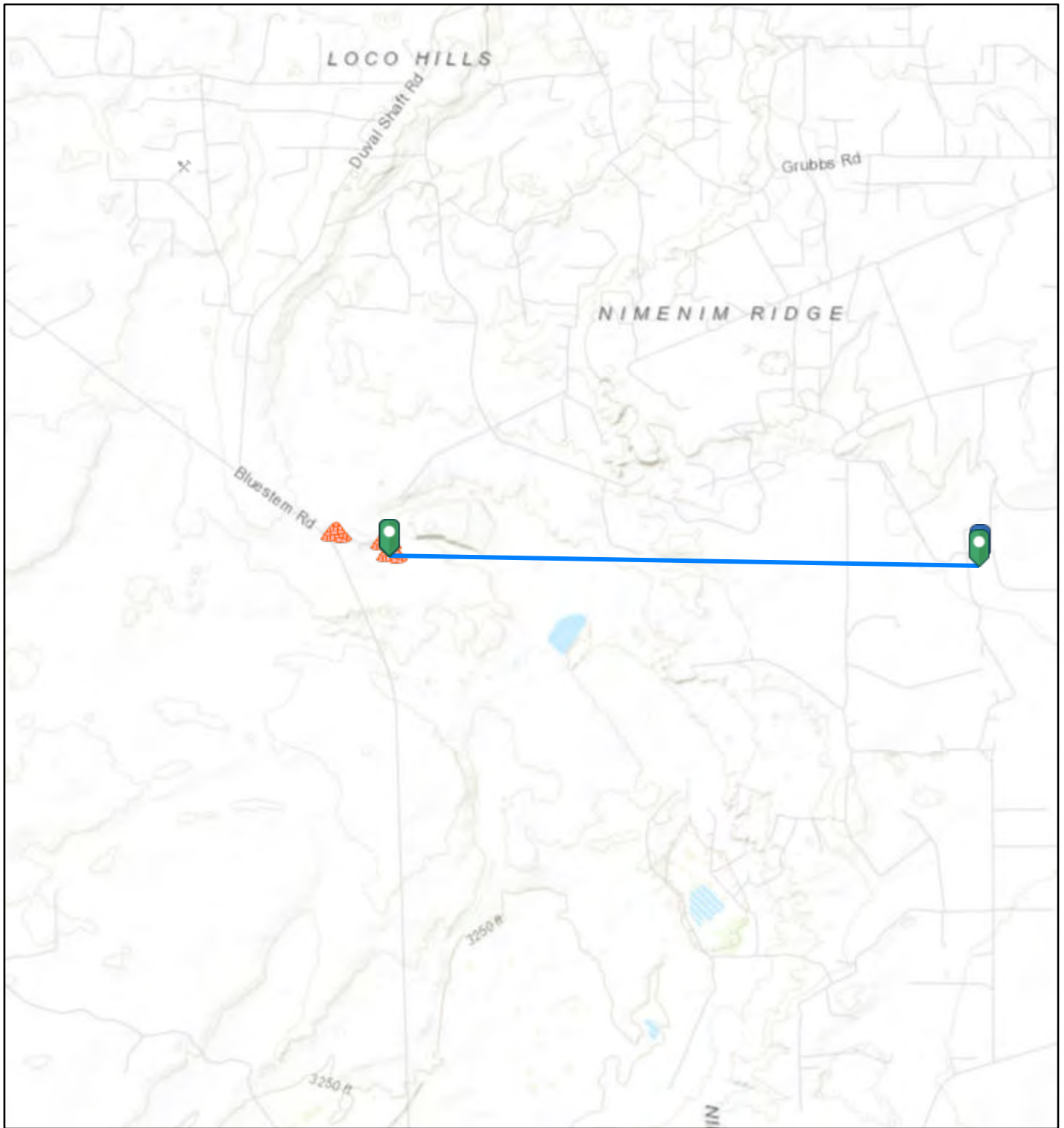
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

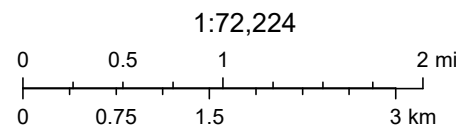
Strawberry 7 Federal Com #009H Mines 21,292ft



6/3/2024, 11:57:23 AM

Registered Mines

- Aggregate, Stone etc.
- Potash

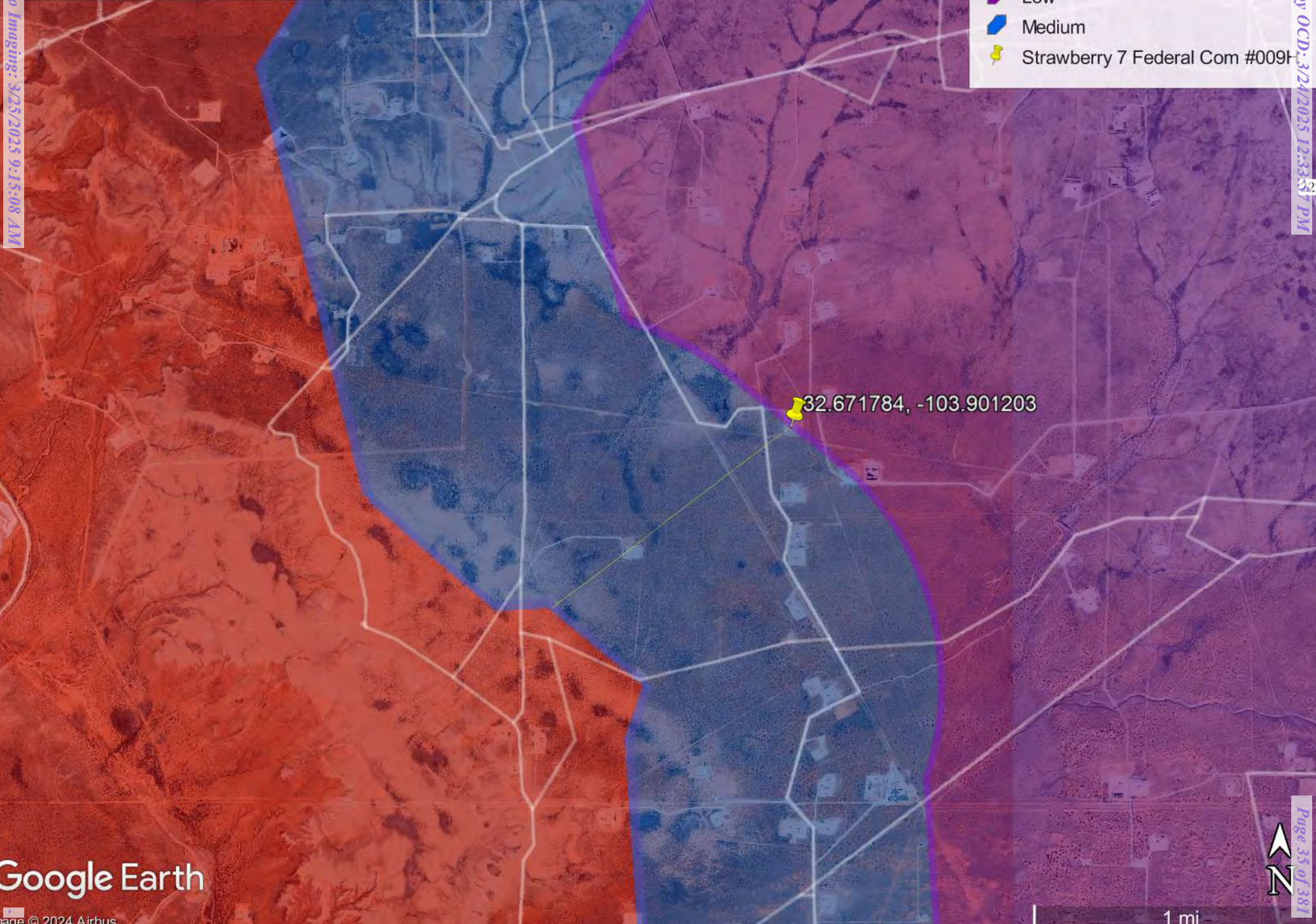


Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA

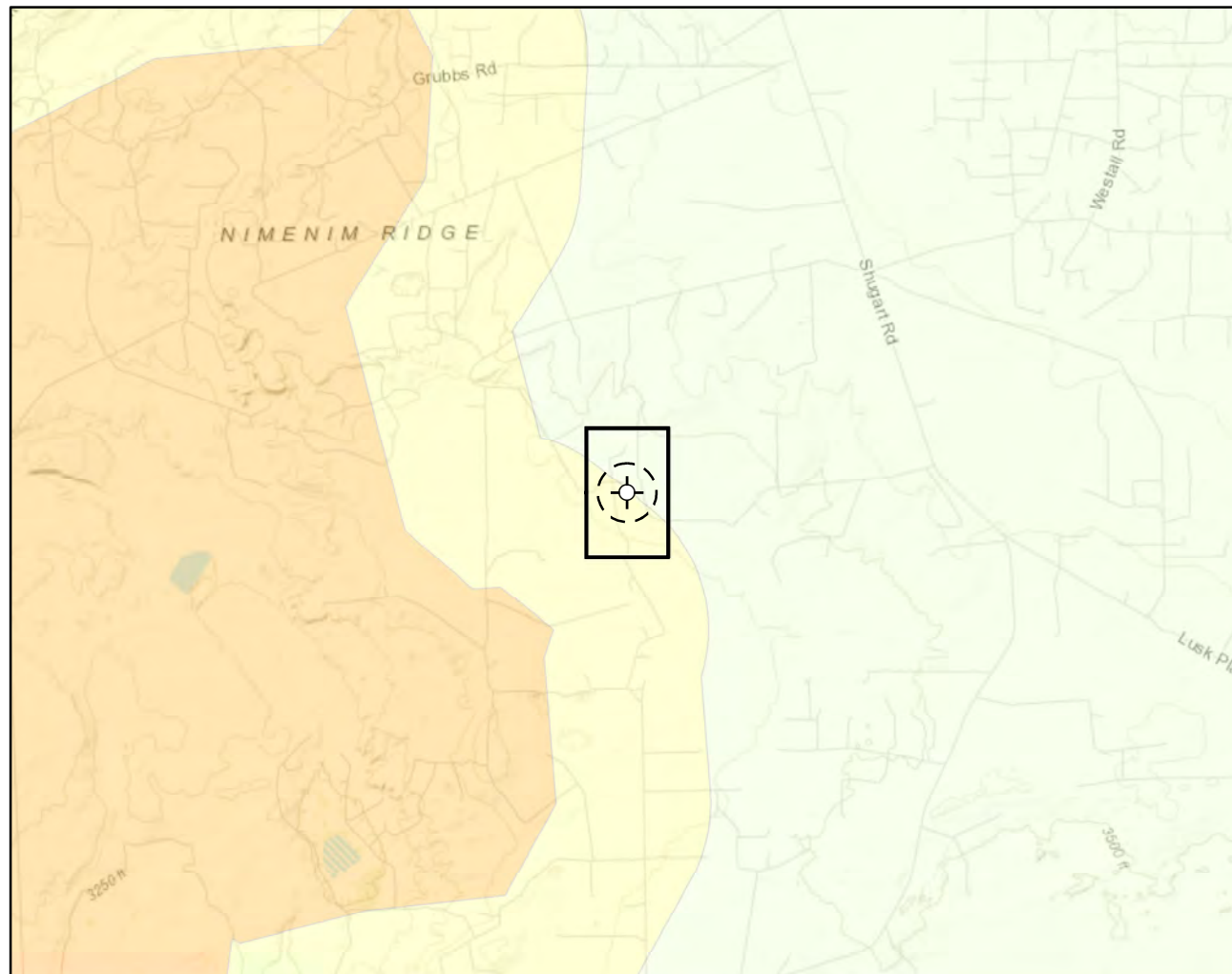
Strawberry 7 Federal Com #009H
Distance between release and nearest unstable area: 5509 ft/ 1.04 mi

Legend

- High
- Low
- Medium
- Strawberry 7 Federal Com #009H



Document Path: G:\Projects\US PROJECTS\Devon Energy Corporation\2023\23E-04462 - Strawberry 7 Fed Com 9H\Figure X Karst Potential Map (23E-04462).mxd



Karst Potential

- Critical
- High
- Medium
- Low
- Site Location
- Site Buffer (1,000 ft.)

Overview Map

0 0.25 0.5 1 mi

Detail Map

0 150 300 600 ft.



Map Center:
Lat/Long: 32.671784, -103.901203

NAD 1983 UTM Zone 13N
Date: Jul 21/23



Karst Potential Map Strawberry 7 Federal Com #009H

FIGURE:

X



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.

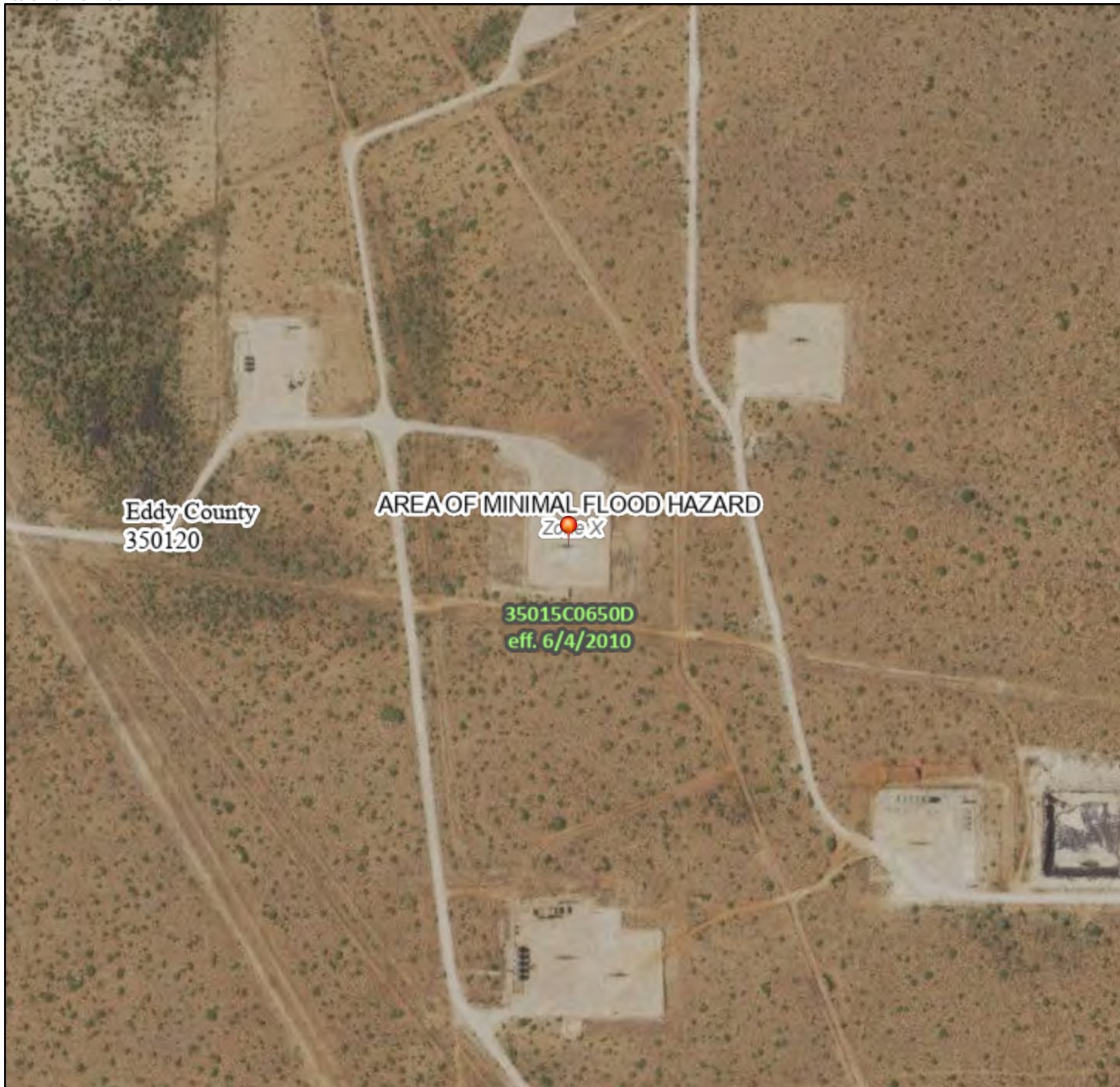
Note: Inset Map, ESRI 2022; Overview Map: ESRI World Topographic. Karst potential data sourced from Roswell Field Office, Bureau of Land Management, 2020 or United States Department of the Interior, Bureau of Land Management. (2018). Karst Potential.

VERSATILITY. EXPERTISE.

National Flood Hazard Layer FIRMMette



103°54'23"W 32°40'34"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°53'46"W 32°40'3"N

Released to Imaging: 3/25/2025 9:15:08 AM

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/20/2023 at 5:50 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

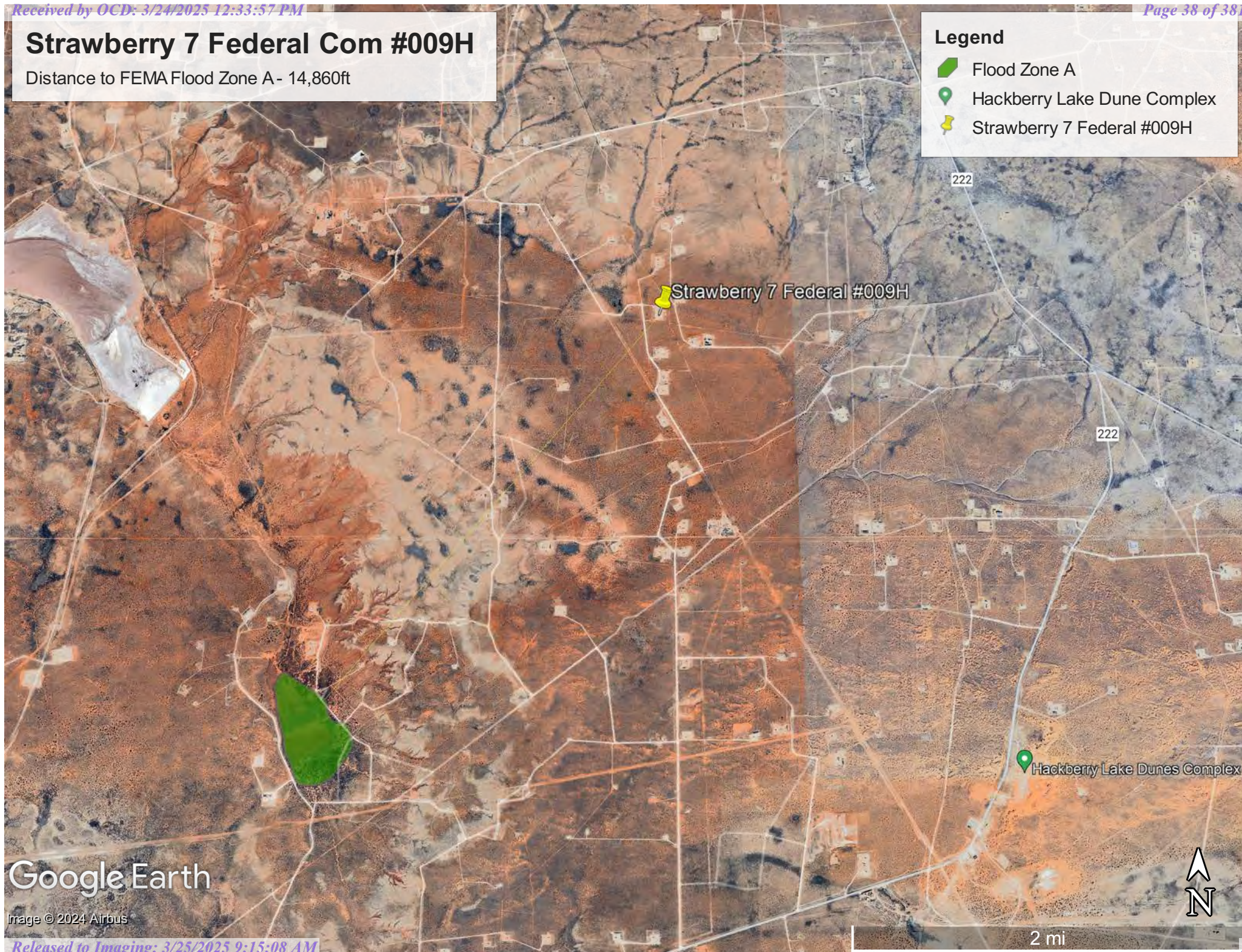
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Strawberry 7 Federal Com #009H

Distance to FEMA Flood Zone A - 14,860ft

Legend

-  Flood Zone A
-  Hackberry Lake Dune Complex
-  Strawberry 7 Federal #009H



Google Earth

Image © 2024 Airbus



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

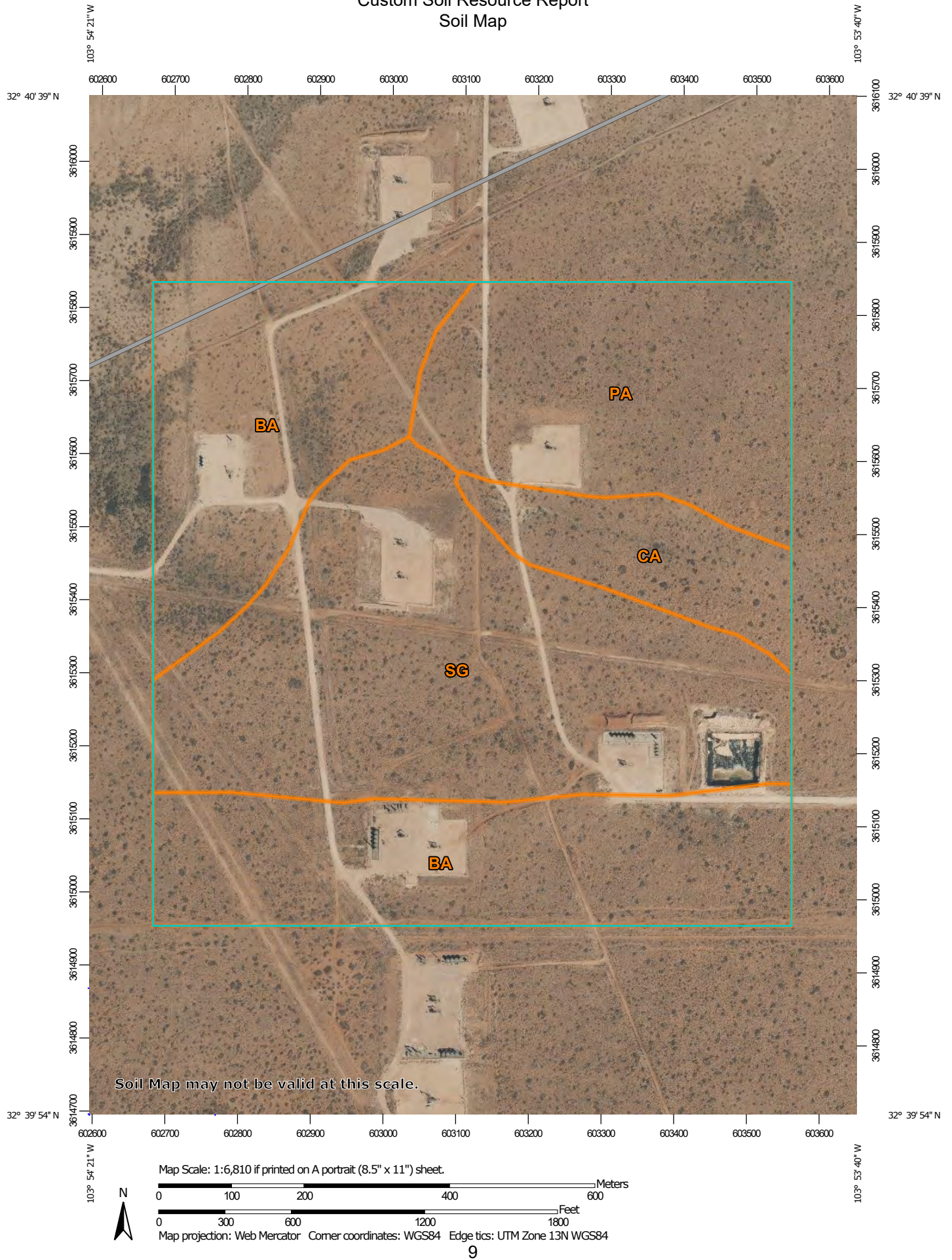
A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for Eddy Area, New Mexico



July 20, 2023

Custom Soil Resource Report Soil Map



Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals

Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 18, Sep 8, 2022

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

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

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

Custom Soil Resource Report

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BA	Berino loamy fine sand, 0 to 3 percent slopes	72.8	37.9%
CA	Cacique loamy sand, 0 to 3 percent slopes, eroded	14.2	7.4%
PA	Pajarito loamy fine sand, 0 to 3 percent slopes, eroded	36.7	19.1%
SG	Simona gravelly fine sandy loam, 0 to 3 percent slopes	68.3	35.6%
Totals for Area of Interest		192.0	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

Custom Soil Resource Report

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Custom Soil Resource Report

Eddy Area, New Mexico**BA—Berino loamy fine sand, 0 to 3 percent slopes****Map Unit Setting***National map unit symbol: 1w42**Elevation: 2,000 to 5,700 feet**Mean annual precipitation: 6 to 14 inches**Mean annual air temperature: 57 to 70 degrees F**Frost-free period: 180 to 260 days**Farmland classification: Not prime farmland***Map Unit Composition***Berino and similar soils: 99 percent**Minor components: 1 percent**Estimates are based on observations, descriptions, and transects of the mapunit.***Description of Berino****Setting***Landform: Plains, fan piedmonts**Landform position (three-dimensional): Riser**Down-slope shape: Convex**Across-slope shape: Linear**Parent material: Mixed alluvium and/or eolian sands***Typical profile***H1 - 0 to 12 inches: loamy fine sand**H2 - 12 to 58 inches: sandy clay loam**H3 - 58 to 60 inches: clay loam***Properties and qualities***Slope: 0 to 3 percent**Depth to restrictive feature: More than 80 inches**Drainage class: Well drained**Runoff class: Low**Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.60 to 2.00 in/hr)**Depth to water table: More than 80 inches**Frequency of flooding: None**Frequency of ponding: None**Calcium carbonate, maximum content: 40 percent**Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)**Sodium adsorption ratio, maximum: 1.0**Available water supply, 0 to 60 inches: Moderate (about 8.4 inches)***Interpretive groups***Land capability classification (irrigated): 3e**Land capability classification (nonirrigated): 7e**Hydrologic Soil Group: B**Ecological site: R070BC007NM - Loamy**Hydric soil rating: No*

Custom Soil Resource Report

Minor Components**Pajarito**

Percent of map unit: 1 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

CA—Cacique loamy sand, 0 to 3 percent slopes, eroded**Map Unit Setting**

National map unit symbol: 1w46

Elevation: 3,000 to 5,500 feet

Mean annual precipitation: 7 to 14 inches

Mean annual air temperature: 57 to 68 degrees F

Frost-free period: 180 to 220 days

Farmland classification: Not prime farmland

Map Unit Composition

Cacique and similar soils: 97 percent

Minor components: 3 percent

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

Description of Cacique**Setting**

Landform: Plains, basin floors

Landform position (three-dimensional): Riser

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Mixed alluvium

Typical profile

H1 - 0 to 5 inches: loamy sand

H2 - 5 to 24 inches: sandy clay loam

H3 - 24 to 60 inches: indurated

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 20 to 40 inches to petrocalcic

Drainage class: Well drained

Runoff class: High

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

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Low (about 3.2 inches)

Custom Soil Resource Report

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: C

Ecological site: R070BD004NM - Sandy

Hydric soil rating: No

Minor Components**Berino**

Percent of map unit: 1 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Dune land

Percent of map unit: 1 percent

Hydric soil rating: No

Berino

Percent of map unit: 1 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

PA—Pajarito loamy fine sand, 0 to 3 percent slopes, eroded**Map Unit Setting**

National map unit symbol: 1w54

Elevation: 2,700 to 5,500 feet

Mean annual precipitation: 5 to 15 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 250 days

Farmland classification: Not prime farmland

Map Unit Composition

Pajarito and similar soils: 98 percent

Minor components: 2 percent

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

Description of Pajarito**Setting**

Landform: Plains, interdunes, dunes

Landform position (three-dimensional): Side slope

Down-slope shape: Convex, linear

Across-slope shape: Linear, convex

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 13 inches: loamy fine sand

H2 - 13 to 36 inches: fine sandy loam

H3 - 36 to 60 inches: fine sandy loam

Custom Soil Resource Report

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.9 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components**Berino**

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Wink

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

SG—Simona gravelly fine sandy loam, 0 to 3 percent slopes**Map Unit Setting**

National map unit symbol: 1w5w
Elevation: 2,750 to 5,000 feet
Mean annual precipitation: 8 to 16 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 95 percent
Minor components: 5 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Custom Soil Resource Report

Description of Simona**Setting**

Landform: Plains, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam
H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Minor Components**Simona**

Percent of map unit: 4 percent
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Playa

Percent of map unit: 1 percent
Landform: Playas
Landform position (three-dimensional): Talf
Down-slope shape: Concave, convex
Across-slope shape: Concave, linear
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: Yes



Ecological site R070BD002NM

Shallow Sandy

Accessed: 06/18/2024

General information

Provisional. A provisional ecological site description has undergone quality control and quality assurance review. It contains a working state and transition model and enough information to identify the ecological site.

Figure 1. Mapped extent

Areas shown in blue indicate the maximum mapped extent of this ecological site. Other ecological sites likely occur within the highlighted areas. It is also possible for this ecological site to occur outside of highlighted areas if detailed soil survey has not been completed or recently updated.

Associated sites

R070BD004NM	Sandy Sandy sites often occur in association or in a complex with Shallow Sandy Sites.
-------------	--

Similar sites

R070BD004NM	Sandy Sandy ecological sites are similar to Shallow Sandy sites in species composition and Transition pathways.
-------------	---

Table 1. Dominant plant species

Tree	Not specified
Shrub	Not specified
Herbaceous	Not specified

Physiographic features

This site occurs on plains, alluvial fans, uplands, or fan piedmonts. The parent material consists of mixed loamy alluvium or eolian material derived from igneous and sedimentary bedrock. The petrocalcic layer is at a depth of 10 to 25 inches and undulating.

Slopes are nearly level to undulating, usually less than 9 percent. Elevations range from 2,842 to 4,500 feet.

Table 2. Representative physiographic features

Landforms	(1) Plain (2) Fan piedmont (3) Alluvial fan
Elevation	2,842–4,500 ft
Slope	1–9%
Aspect	Aspect is not a significant factor

Climatic features

The average annual precipitation ranges from 8 to 13 inches. Variations of 5 inches, more or less, are common.

Over 80 percent of the precipitation falls from April through October. Most of the summer precipitation comes in the form of high intensity – short duration thunderstorms.

Temperatures are characterized by distinct seasonal changes and large annual and diurnal temperature changes. The average annual temperature is 61 degrees with extremes of 25 degrees below zero in the winter to 112 degrees in the summer.

The average frost-free season is from 207 to 220 days. The last killing frost is in late March or early April, and the first killing frost is in late October or early November.

Temperature and rainfall both favor warm season perennial plant growth. In years of abundant spring moisture, annual forbs and cool season grasses can make up an important component of the site. The vegetation of this site can take advantage of the moisture and the time it falls. Because of the soil profile, little moisture can be stored in the soil for any length of time. Moisture is readily available to the plants from the time it falls. Strong winds from the southwest blow from January through June which rapidly dries out the soil profile during a critical period for plant growth.

Climate data was obtained from <http://www.wrcc.sage.dri.edu/summary/climsmnm.html> web site using 50% probability for freeze-free and frost-free seasons using 28.5 degrees F and 32.5 degrees F respectively.

Table 3. Representative climatic features

Frost-free period (average)	221 days
Freeze-free period (average)	240 days
Precipitation total (average)	13 in

Influencing water features

This site is not influenced from water from wetlands or streams.

Soil features

Soils are very shallow to shallow, less than 20 inches in depth. Surface and subsurface textures are gravelly loamy sand, gravelly fine sandy loam or fine sandy loam.

An indurated caliche layer occurs at depths of 6 to 25 inches and is at an average of 15 inches from the surface. Underlying material textures are very gravelly fine sandy loam, very gravelly sandy loam, gravelly fine sandy loam. Gravels are calcium carbonate concretions, calcium carbonate content ranges from 30 to 65 percent.

The indurated caliche layer typically holds water up in the profile for short periods within the root zone of plants. These soils will blow if left unprotected by vegetation.

Minimum and maximum values listed below represent the characteristic soils for this site.

Characteristic soils are:

Simona

Jerag

Table 4. Representative soil features

Surface texture	(1) Fine sandy loam (2) Loamy fine sand (3) Gravelly fine sandy loam
Family particle size	(1) Loamy
Drainage class	Well drained to moderately well drained
Permeability class	Moderately slow to moderate

Soil depth	7–24 in
Surface fragment cover ≤3"	5–25%
Surface fragment cover >3"	0%
Available water capacity (0–40in)	1–2 in
Calcium carbonate equivalent (0–40in)	5–15%
Electrical conductivity (0–40in)	0–4 mmhos/cm
Sodium adsorption ratio (0–40in)	0
Soil reaction (1:1 water) (0–40in)	7.4–8
Subsurface fragment volume ≤3" (Depth not specified)	5–25%
Subsurface fragment volume >3" (Depth not specified)	0%

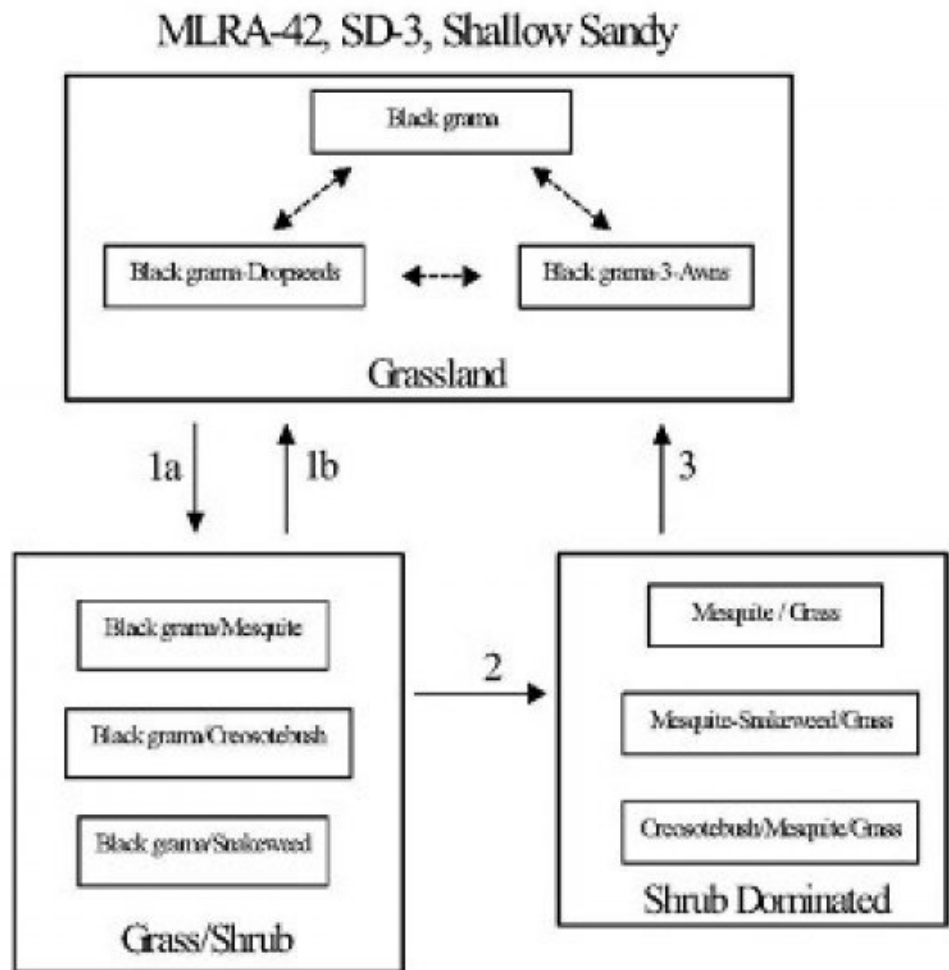
Ecological dynamics

Overview

The Shallow Sandy site occurs on upland plains, and tops of low ridges and mesas, associated with Sandy, Loamy Sand, and Shallow sites. Coarse to moderately coarse soil surface textures, shallow depth (<20 inches) to an indurated caliche layer (petrocalcic horizon), and an overwhelming dominance by black grama help to distinguish this site. The historic plant community of the Shallow Sandy site is a black grama dominated grassland sparsely dotted with shrubs. Shrubs, especially mesquite and creosotebush can increase or colonize due to the dispersal of shrub seeds by livestock or wildlife. This increase in mesquite and colonization of creosotebush may be enhanced by proximity to areas with existing high shrub densities. Fire suppression, and the loss of grass cover due to overgrazing or drought may facilitate the increase and encroachment of shrubs. Persistent loss of grass cover, competition for resources by shrubs, and periods of climate with increased winter precipitation and dry summers, may initiate the transition to a shrub-dominated state.

State and transition model

Plant Communities and Transitional Pathways (diagram)



1a. Seed dispersal, drought, overgrazing, fire suppression.

1b. Prescribed fire, brush control, prescribed grazing.

2. Persistent loss of grass cover, resource competition, increased winter precipitation.

3. Brush control, range seeding, prescribed grazing.

State 1

Historic Climax Plant Community

Community 1.1

Historic Climax Plant Community

Grassland: This site responds well to management and is resistant to state change, due to the shallow depth to petrocalcic horizon and sandy surface textures. The sandy surface textures allow rapid water infiltration and the petrocalcic horizon helps to keep water perched and available to shallow rooted grasses. Black grama is the dominant species in the historic plant community, averaging 50 to 60 percent of the total production for this site. Bush muhly, blue grama, and dropseeds are present as sub-dominants. Typically, yucca, javalinabush, range ratany, prickly pear, and mesquite are sparsely dotted across the landscape. Leatherweed croton, cutleaf

happlopappus, wooly groundsel, and threadleaf groundsel are common forbs. Continuous heavy grazing or extended periods of drought will cause a loss of grass cover characterized by a decrease in black grama, bush muhly, blue and sideoats grama, plains bristlegrass, and Arizona cottontop. Dropseeds and or threeawns may increase and become sub-dominant to black grama. Continued loss of grass cover in conjunction with dispersal of shrub seeds and fire suppression is believed to cause the transition to a state with increased amounts of shrubs (Grass/Shrub state). Diagnosis: Black grama is the dominant grass species. Grass cover uniformly distributed. Shrubs are a minor component averaging only two to five percent canopy cover. Litter cover is high (40-50 percent of area), and litter movement is limited to smaller size class litter and short distances (<. 5m). Other grasses that could appear on this site would include: six-weeks grama, fluffgrass, false-buffalograss, hairy grama, little bluestem, bristle panicum, cane bluestem, Indian ricegrass, tridens spp., and red lovegrass. Other woody plants include: pricklypear, cholla, fourwing saltbush, catclaw mimosa, winterfat, American tarbush and mesquite. Other forbs include: globemallow, verbena, desert holly, senna, plains blackfoot, trailing fleabane, fiddleneck, deerstongue, wooly Indianwheat, and locoweed.

Table 5. Annual production by plant type

Plant Type	Low (Lb/Acre)	Representative Value (Lb/Acre)	High (Lb/Acre)
Grass/Grasslike	474	652	830
Forb	78	107	136
Shrub/Vine	48	66	84
Total	600	825	1050

Table 6. Ground cover

Tree foliar cover	0%
Shrub/vine/liana foliar cover	0%
Grass/grasslike foliar cover	30-35%
Forb foliar cover	0%
Non-vascular plants	0%
Biological crusts	0%
Litter	40-50%
Surface fragments >0.25" and <=3"	0%
Surface fragments >3"	0%
Bedrock	0%
Water	0%
Bare ground	15-25%

Figure 5. Plant community growth curve (percent production by month). NM2802, R042XC002NM-Shallow Sandy-HCPC. SD-3 Shallow Sandy - Warm season plant community.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0	0	3	5	10	10	25	30	12	5	0	0

State 2
Grass/Shrub

Community 2.1
Grass/Shrub

Grass/Shrub: This state is characterized by the notable presence of shrubs, especially mesquite, broom snakeweed, and/or creosotebush, however grasses remain as the dominant species. Black grama is the dominant

grass species. Threeawns and or dropseeds are sub-dominant. The susceptibility of the Shallow Sandy site to shrub encroachment may be higher when located adjacent to other sites with high densities of mesquite or creosotebush. Retrogression within this site is characterized by decreases in grass cover and increasing densities of shrubs. Diagnosis: Black grama remains as the dominant grass species. Grass cover varies in response to the amount of shrub increase, ranging from uniform to patchy. Shrubs are found at increased densities relative to the grassland state, especially mesquite, creosotebush, or broom snakeweed. Transition to Grass/Shrub (1a) Historically fire may have kept mesquite and other shrubs in check by completely killing some species and disrupting seed production cycles and suppressing the establishment of shrub seedlings in others. Fire suppression combined with seed dispersal by livestock and wildlife is believed to be the factors responsible for the establishment and increase in shrubs. 1, 3 Loss of grass cover due to overgrazing, prolonged periods of drought, or their combination, reduces fire fuel loads and increases the susceptibility of the site to shrub establishment. Key indicators of approach to transition: Increase in the relative abundance of dropseeds and threeawns Presence of shrub seedlings Loss of organic matter—evidenced by an increase in physical soil crusts 8 Transition back to Grassland (1b) Brush control is necessary to initiate the transition back to the grassland state. If adequate fuel loads remain, possibly the reintroduction of fire as a management tool will assist in the transition back, however, mixed results have been observed concerning the effects of fire on black grama grasslands. 6 Prescribed grazing will help ensure adequate rest following brush control and will assist in the establishment and maintenance of grass cover capable of sustaining fire.

State 3 Shrub Dominated

Community 3.1 Shrub Dominated

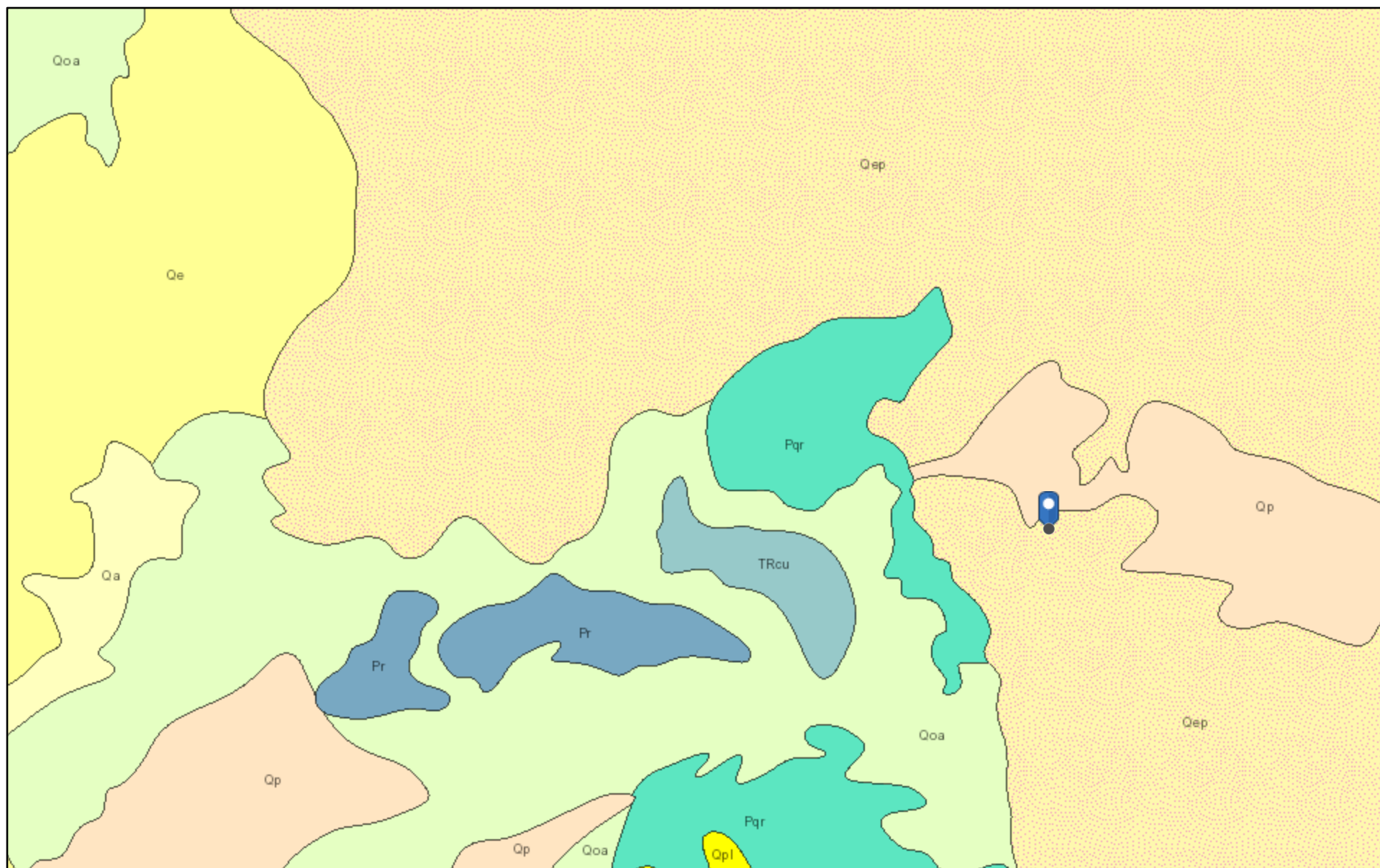
Shrub-Dominated: Across the range of soil types included in the Shallow Sandy site, mesquite is typically the dominant shrub, but it does occur as a co-dominant or sub-dominant species with creosotebush or broom snakeweed. Mesquite tends to dominate when the Shallow Sandy site occurs as part of a complex or in association with Sandy or Loamy Sand sites. Creosotebush tends to dominate on Shallow Sandy sites that occur as part of, or adjacent to Shallow Sites. Broom snakeweed increases in response to heavy grazing, but tends to cycle in and out depending on timing of rainfall. However, once the site is dominated by shrubs and snakeweed becomes well established, it tends to remain as a major component in the shrub dominated state. Diagnosis: Mesquite, creosotebush, or snakeweed cover is high, exceeding that of grasses. Grass cover is patchy with large connected bare areas present. Black grama, threeawns, or dropseeds may be the dominant grass. Evidence of accelerated wind erosion in the form of pedestalling of plants, and soil deposition around shrub bases may be common. Transition to Shrub-Dominated (2) Persistent loss of grass cover and the resulting increased competition between shrubs and remaining grasses for dwindling resources (especially soil moisture) may drive this transition. 5 Additionally periods of increased winter precipitation may facilitate periodic episodes of shrub expansion and establishment. 4 Key indicators of approach to transition: Increase in size and frequency of bare patches. Loss of grass cover in shrub interspaces. Increased signs of erosion, evidenced by pedestalling of plants, and soil and litter deposition on leeward side of plants. 7 Transition back to Grassland (3) Brush control is necessary to reduce competition from shrubs and reestablish grasses. Range seeding may be necessary if insufficient grasses remain, The benefits, and costs, will vary depending upon the degree of site degradation, and adequate precipitation following seeding.

Additional community tables

Table 7. Community 1.1 plant community composition

Group	Common Name	Symbol	Scientific Name	Annual Production (Lb/Acre)	Foliar Cover (%)
Grass/Grasslike					
1	Warm Season			413–495	
	black grama	BOER4	<i>Bouteloua eriopoda</i>	413–495	–
2	Warm Season			41–83	
	bush muhly	MUPO2	<i>Muhlenbergia porteri</i>	41–83	–
3	Warm Season			41–83	

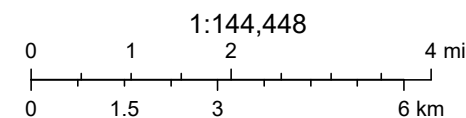
Strawberry 7 Federal Com #009H Geology



6/3/2024, 3:04:00 PM

Lithologic Units

- Playa—Alluvium and evaporite deposits (Holocene)
- Water—Perennial standing water
- Qa—Alluvium (Holocene to upper Pleistocene)



Esri, NASA, NGA, USGS, NMBGMR, USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names

ArcGIS Web AppBuilder

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global

APPENDIX B – Daily Field Reports



Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	9/20/2023
Site Location Name:	Strawberry 7 Fed Com 9H	Report Run Date:	9/20/2023 10:29 PM
Client Contact Name:	Dale Woodall	API #:	30-015-41574
Client Contact Phone #:	405-318-4697		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	9/20/2023 7:30 AM
Departed Site	9/20/2023 3:00 PM

Field Notes

14:37 Completed safety paperwork on site and initial line locate

14:37 On site to conduct initial delineation of release

14:39 Obtained BH23-01 to 12 all mostly on south side of well head.
All samples obtained at 0 and 2' depths, although obtained 4' samples at BH23-03 and 09 for vertical delineation purposes.

14:39 Everything seems to clean up at 2' bgs.

Next Steps & Recommendations

1 Continue delineation.

Daily Site Visit Report



Site Photos

Viewing Direction: South



BH23-01 directly north of well head

Viewing Direction: Northwest



BH23-10 east of 07

Viewing Direction: Northwest



BH23-11 east of 09

Viewing Direction: East



BH23-12 west of 04



Daily Site Visit Report

Viewing Direction: West



BH23-02 directly east of well head

Viewing Direction: North



BH23-03 south of well head

Viewing Direction: Northeast



BH23-04 west of 03

Viewing Direction: Northeast



BH23-05 south of 04



Daily Site Visit Report

Viewing Direction: North



BH23-06 south of 03

Viewing Direction: North



BH23-07 east of 06

Viewing Direction: North



BH23-08 south of 07

Viewing Direction: Northwest



BH23-09 directly east of 03.
Soil between 0-6" is incredibly soft with
contaminant and very grey in color.

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Austin Harris

Signature:

A handwritten signature in black ink, appearing to be 'AH' with a long horizontal stroke extending to the right.

Signature



Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	12/19/2023
Site Location Name:	Strawberry 7 Fed Com 9H	Report Run Date:	12/19/2023 10:12 PM
Client Contact Name:	Dale Woodall	API #:	30-015-41574
Client Contact Phone #:	405-318-4697		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	12/19/2023 9:13 AM
Departed Site	12/19/2023 1:00 PM

Field Notes

- 12:45** - Completed safety paperwork and BH pin finder checking upon arrival
- 12:46** - Obtained BH23-30 at 4' and BH23-36 and 37 at 0 and 2'
- 13:02** - All samples were field screened for TPH and Cl. TPH values are under 50 ppm and Cl values under 600 ppm. All samples were jarred and sent to the lab.

Next Steps & Recommendations

1

Daily Site Visit Report



Site Photos

Viewing Direction: South



Site placard

Viewing Direction: East



BH23-30 at 4' BH23-37 at 2' and sampled at 0 and 2'. orange-brown sand soil at 2'

Viewing Direction: North



BH23-37 at 2' and sampled at 0 and 2'. Caliche soil for 0' and orange-brown sand soil at 2'

Viewing Direction: South



BH23-36 at 2' and sampled at 0 and 2'. Caliche soil for 0' and orange-brown sand soil at 2'

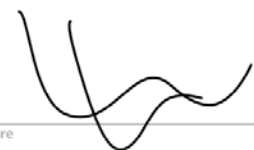
Daily Site Visit Report



Daily Site Visit Signature

Inspector: Deusavan Costa Filho

Signature:

Signature 



Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	5/30/2024
Site Location Name:	Strawberry 7 Fed Com 9H	Report Run Date:	5/30/2024 10:47 PM
Client Contact Name:	Shawn McCormick	API #:	30-015-41574
Client Contact Phone #:	575-513-9171		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	5/30/2024 7:29 AM
Departed Site	5/30/2024 3:03 PM

Field Notes

7:56

On site at ~7:30 am. Assessed site and filled out JSA. Ran line locator and flagged and marked 16' x 22' perimeter around BH23-29.

Waiting on Centrex heavy equipment to arrive.

10:40 Centrex backhoe arrived at approximately 10:25am.

Unloaded and began digging at approximately 10:45 am

16:35 Collected BS24-01 and -02 at 1'.

Collected WS24-01 (north wall), WS24-02 (east wall), WS24-03 (south wall), and WS24-04 (west wall) at 1' depth.

16:36 Field screened BS24-01 and -02 for CL and TPH. Both samples passed friend screening criteria.

Field screened WS24-01 to -04 for CL and TPH. All samples passed both field test criteria except WS24-02, which was high for TPH.

14:17 Informed Centrex operator to push out the east wall out by approximately 1' at approximately 1250 pm. He's waiting for his coworker to get back on site to continue the excavation.



Daily Site Visit Report

- 13:36** I requested Centrex worker to call his coworker. He handed me his phone and I requested the worker to return to site to continue the excavation. He returned at approximately 1:35 pm
- 16:37** I resampled WS24-02 once Centrex completed the 1' step out of the east excavation wall.
- 16:38** I field screened WS24-02 for CL and TPH. It passed both field test criteria
- 16:39** The material to be hauled off was stock piled on a liner and hauled off to Lea Land disposal.
- 16:40** Centrex placed orange fencing around excavation

Next Steps & Recommendations

- 1 Continue confirmation sampling

Daily Site Visit Report



Site Photos

Viewing Direction: East



Descriptive Photo - 1
Viewing Direction: East
Desc: 16'x22' area to be excavated down
Created: 3/20/2024 2:10:10 PM
Lat:32.671476, Long: -103.001243

16'x22' area to be excavated down 1 ft

Viewing Direction: North



Descriptive Photo - 2
Viewing Direction: North
Desc: North excavation wall at 1' depth
Created: 3/20/2024 2:18:33 PM
Lat:32.671476, Long: -103.001243

North excavation wall at 1' depth

Viewing Direction: West



Descriptive Photo - 3
Viewing Direction: West
Desc: West excavation wall at 1' depth
Created: 3/20/2024 2:18:18 PM
Lat:32.671476, Long: -103.001243

West excavation wall at 1' depth

Viewing Direction: South



Descriptive Photo - 4
Viewing Direction: South
Desc: South excavation wall at 1' depth
Created: 3/20/2024 2:18:33 PM
Lat:32.671476, Long: -103.001243

South excavation wall at 1' depth



Daily Site Visit Report

Viewing Direction: East



East excavation wall at 1' depth

Viewing Direction: East



Area where BS24-01 was sampled

Viewing Direction: West



Area where BS24-01 was sampled

Viewing Direction: Northeast



Southwest corner of 1' foot depth excavation facing the northeast (excavation size approx 23' x 16') approx 23' x 16'



Daily Site Visit Report

Viewing Direction: Northwest



Southeast corner of 1' foot depth excavation facing the northwest (excavation size approx 23' x 16')

Viewing Direction: Southwest



Northeast corner of 1' foot depth excavation facing the southwest (excavation size approx 23' x 16')

Viewing Direction: Southeast



Northwest corner of 1' foot depth excavation facing the southeast (excavation size approx 23' x 16')

Viewing Direction: East



1' excavation (size approx 23' x 16')



Daily Site Visit Report

Viewing Direction: North



1' excavation (size approx 23' x 16')

Viewing Direction: West



Back fill soil pile

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Andrew Ludvik

Signature:

A handwritten signature in black ink, appearing to read 'Andrew Ludvik', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.



Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	6/6/2024
Site Location Name:	Strawberry 7 Fed Com 9H	Report Run Date:	6/6/2024 6:19 PM
Client Contact Name:	Dale Woodall	API #:	30-015-41574
Client Contact Phone #:	405-318-4697		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	6/6/2024 8:15 AM
Departed Site	6/6/2024 10:55 AM

Field Notes

- 8:42** Arrived on site, examined site for hazards and completed safety assessment for job and documents.
- 10:22** Collected confirmation samples BS24-01, BS24-02 at 1 ft and WS25-01 at 0-1 ft.
Field screened for TPH with Dextsil Petroflag and chlorides with EC meter.
- 10:48** Prepared samples for lab and preserved on ice.

Next Steps & Recommendations

- 1 Collect lab analysis

Daily Site Visit Report



Site Photos

Viewing Direction: South



Site information placard

Viewing Direction: Southwest



WS24-01 at 0-1 ft, BS24-01, BS24-02 at 1 ft

Viewing Direction: Southwest



WS24-01 at 0-1 ft

Viewing Direction: Southwest



BS24-01 at 1 ft



Daily Site Visit Report

Viewing Direction: Southwest



BS24-02 at 1 ft

Viewing Direction: West



Descriptive Photo - 8
Viewing Direction: West
Desc: Field screened Clean and lab tested clean backfill pile on site
Created: 6/6/2024 10:46:31 AM
Lat:32.671882, Long:-103.901431

Field screened Clean and lab tested clean backfill pile on site

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Stephanie McCartyM

Signature:

A handwritten signature in black ink, appearing to read 'Steph M', written over a faint horizontal line. The word 'Signature' is printed in small text below the line on the left.



Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	6/18/2024
Site Location Name:	Strawberry 7 Fed Com 9H	Report Run Date:	6/18/2024 5:10 PM
Client Contact Name:	Dale Woodall	API #:	30-015-41574
Client Contact Phone #:	405-318-4697		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	6/18/2024 9:30 AM
Departed Site	6/18/2024 9:40 AM

Field Notes

9:32 Arrived on site, examined site for hazards and completed safety assessment for job and documents.
Confirming and documenting excavation backfilled with like material to grade.

Next Steps & Recommendations

1 Complete closure report

Daily Site Visit Report



Site Photos

Viewing Direction: South



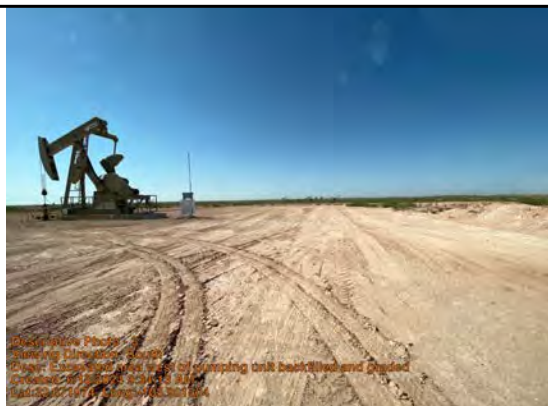
Site information placard

Viewing Direction: Southwest



Excavated area west of pumping unit backfilled and graded

Viewing Direction: South



Excavated area west of pumping unit backfilled and graded

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Stephanie McCartyM

Signature:

A handwritten signature in black ink, appearing to read 'Steph M' followed by a stylized flourish. The signature is written over a thin horizontal line.



Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	2/17/2025
Site Location Name:	Strawberry 7 Fed Com 9H	Report Run Date:	2/18/2025 2:22 AM
Client Contact Name:	Jim Raley	API #:	30-015-41574
Client Contact Phone #:	575-748-0176		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	2/17/2025 9:20 AM
Departed Site	2/17/2025 4:00 PM

Field Notes

- 18:38** Arrived on site, completed safety paperwork and performed at site walkthrough upon arrival.
- 18:41** Collected BS25-03 through BS25-28 at 0ft bgs. All samples collected were 5-point composite samples within the boundaries of the release area. All samples were screened for chlorides using silver nitrate titration and 10 samples were screened for TPH with a Dextsil Petroflag.
- 18:42** Samples were collected in 400 sq ft increments.
- 18:42** All samples were jarred in preparation to be sent to the laboratory for further analysis.

Next Steps & Recommendations

1

Daily Site Visit Report



Site Photos

Viewing Direction: North



BS25-03 at 0ft bgs. 5-point composite sample

Viewing Direction: North



BS25-04 at 0ft bgs. 5-point composite sample

Viewing Direction: North



BS25-05 at 0ft bgs. 5-point composite sample

Viewing Direction: North



BS25-06 at 0ft bgs. 5-point composite sample.



Daily Site Visit Report

Viewing Direction: Northwest



BS25-27 at 0ft bgs. 5-point composite sample.

Viewing Direction: Northwest



BS25-08 at 0ft bgs. 5-point composite sample.

Viewing Direction: West



BS25-09 at 0ft bgs. 5-point composite sample.

Viewing Direction: Northeast



BS25-10 at 0ft bgs. 5-point composite sample.



Daily Site Visit Report

Viewing Direction: North



BS25-11 at 0ft bgs. 5-point composite sample.

Viewing Direction: East



BS25-12 at 0ft bgs. 5-point composite sample.

Viewing Direction: Northeast



BS25-13 at 0ft bgs. 5-point composite sample.

Viewing Direction: Northwest



BS25-14 at 0ft bgs. 5-point composite sample.



Daily Site Visit Report

Viewing Direction: North



BS25-15 at 0ft bgs. 5-point composite sample.

Viewing Direction: East



BS25-16 at 0ft bgs. 5-point composite sample.

Viewing Direction: Northeast



BS25-17 at 0ft bgs. 5-point composite sample.

Viewing Direction: Northeast



BS25-18 at 0ft bgs. 5-point composite sample.



Daily Site Visit Report

Viewing Direction: North



BS25-19 at 0ft bgs. 5-point composite sample.

Viewing Direction: North



BS25-20 at 0ft bgs. 5-point composite sample.

Viewing Direction: Northeast



BS25-21 at 0ft bgs. 5-point composite sample.

Viewing Direction: East



BS25-22 at 0ft bgs. 5-point composite sample.



Daily Site Visit Report

Viewing Direction: East



BS25-23 at 0ft bgs. 5-point composite sample.

Viewing Direction: East



BS25-24 at 0ft bgs. 5-point composite sample.

Viewing Direction: East



BS25-25 at 0ft bgs. 5-point composite sample.

Viewing Direction: East



BS25-26 at 0ft bgs. 5-point composite sample.



Daily Site Visit Report

Viewing Direction: East



BS25-27 at 0ft bgs. 5-point composite sample.

Viewing Direction: Southeast



BS25-28 at 0ft bgs. 5-point composite sample.

Daily Site Visit Report



Daily Site Visit Signature

Inspector: John Rewis

Signature:

A handwritten signature in black ink, appearing to be 'JR', written over a horizontal line. The word 'Signature' is faintly visible on the line.



Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	2/18/2025
Site Location Name:	Strawberry 7 Fed Com 9H	Report Run Date:	2/19/2025 5:53 PM
Client Contact Name:	Jim Raley	API #:	30-015-41574
Client Contact Phone #:	575-748-0176		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	2/18/2025 8:00 AM
Departed Site	2/18/2025 4:15 PM

Field Notes

- 17:34** Arrived on site, completed safety paperwork and site walkthrough upon arrival.
- 17:37** Collected samples BS25-28 through BS25-51 at 0ft bgs. All samples were screened for chlorides using silver nitrate titration and TPH with a Dextsil Petroflag. All samples met 51-100ft DTGW criteria.
- 17:37** All samples were jarred in preparation to be sent to the laboratory for further analysis.

Next Steps & Recommendations

1

Daily Site Visit Report



Site Photos

Viewing Direction: East



Location of samples BS25-29 through BS25-36 at 0'.

Viewing Direction: East



Location of samples BS25-37 through BS25-42 at 0ft bgs.

Viewing Direction: East



Location of samples BS25-43 through BS25-47 at 0ft bgs.

Viewing Direction: South



Location of samples BS25-48 through BS25-51 at 0ft bgs.



Daily Site Visit Report

Viewing Direction: South



Descriptive Photo - 2
Viewing Direction: South
Shows South portion of the release area.
Created: 3/19/2025 4:12:46 PM
Lat: 36.072083, Long: -105.000000

South portion of the release area.

Viewing Direction: North



Descriptive Photo - 3
Viewing Direction: North
Shows South portion of the release area.
Created: 3/19/2025 4:12:46 PM
Lat: 36.072083, Long: -105.000000

South portion of the release.

Daily Site Visit Report



Daily Site Visit Signature

Inspector: John Rewis

Signature:

A handwritten signature in black ink, appearing to be 'JR' or similar, written over a horizontal line. The word 'Signature' is faintly visible on the line.



Daily Site Visit Report

Client:	Devon Energy Corporation	Inspection Date:	3/13/2025
Site Location Name:	Strawberry 7 Fed Com 9H	Report Run Date:	3/13/2025 7:49 PM
Client Contact Name:	Dale Woodall	API #:	30-015-41574
Client Contact Phone #:	405-318-4697		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times

Arrived at Site	3/13/2025 7:25 AM
Departed Site	3/13/2025 10:05 AM

Field Notes

- 7:41** Completed JSA on arrival. On site to re-collect surface confirmation sample BS25-25.
- 7:45** Swept sampling area with magnetic locator prior to collection.
- 8:52** Collected confirmation sample from pad surface (0 feet bgs) west and northwest of pump jack. Confirmation sample collected from the pad surface was a 5-point composite representing an area no greater than 400 square feet per approved variance from NMOCD.
- 12:10** Field screening results for confirmation sample BS25-25 were below NMOCD closure criteria for depth to groundwater between 51 and 100 feet bgs.
- 12:12** Packaged BS25-25 sample for laboratory analyses and met Eurofins courier in Loco Hills to expedite delivery to laboratory.

Next Steps & Recommendations

1

Daily Site Visit Report



Site Photos

Viewing Direction: South



North of pump jack facing south.

Viewing Direction: North



Southwest of pump jack facing north. Collected confirmation sample BS25-25 at 0 feet bgs.

Viewing Direction: Southeast

North of pump jack facing southwest.
Collected confirmation sample BS25-25 at 0 feet bgs.

Viewing Direction: Southeast

Northwest of pump jack facing southeast.
Collected confirmation sample BS25-25 at 0 feet bgs.



Daily Site Visit Report

Viewing Direction: South



Northwest of pump jack facing south.
Collected confirmation sample BS25-25 at 0
feet bgs.

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Lakin Pullman

Signature:

A handwritten signature in black ink, appearing to be 'LP', written over a horizontal line.

Signature

APPENDIX C – Notifications

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 349933

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 349933
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2008052559
Incident Name	NRM2008052559 STRAWBERRY 7 FED COM 9H @ 30-015-41574
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Well	[30-015-41574] STRAWBERRY 7 FEDERAL COM #009H

Location of Release Source

Site Name	STRAWBERRY 7 FED COM 9H
Date Release Discovered	03/16/2020
Surface Owner	Federal

Sampling Event General Information*Please answer all the questions in this group.*

What is the sampling surface area in square feet	400
What is the estimated number of samples that will be gathered	3
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/06/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Kent Stallings P.G. Vertex Resource Services Inc. P 575.725.5001 ext 706 KStallings@vertex.ca
Please provide any information necessary for navigation to sampling site	From the intersection of US-180 and HW-285 in Carlsbad. Head east on US-180 E/US-62 E, travel for 15.1 mi. Turn left onto NM-360 N, travel for 5.7 mi. Turn right onto Shugart Rd, travel for 4.9 mi. Turn left, travel for 3.8 mi. Location will be on your right

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

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

CONDITIONS

Action 349933

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 349933
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
wdale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/31/2024

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

Action 431594

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 431594
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2008052559
Incident Name	NRM2008052559 STRAWBERRY 7 FED COM 9H @ 30-015-41574
Incident Type	Release Other
Incident Status	Remediation Plan Approved
Incident Well	[30-015-41574] STRAWBERRY 7 FEDERAL COM #009H

Location of Release Source	
Site Name	STRAWBERRY 7 FED COM 9H
Date Release Discovered	03/16/2020
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	6,000
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/17/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Sally Carttar 575-361-3561
Please provide any information necessary for navigation to sampling site	From the intersection of US-180 and HW-285 in Carlsbad. Head east on US-180 E/US-62 E, travel for 15.1 mi. Turn left onto NM-360 N, travel for 5.7 mi. Turn right onto Shugart Rd, travel for 4.9 mi. Turn left, travel for 3.8 mi. Location will be on your right

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

CONDITIONS

Action 431594

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 431594
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/13/2025

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

QUESTIONS

Action 431595

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 431595
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2008052559
Incident Name	NRM2008052559 STRAWBERRY 7 FED COM 9H @ 30-015-41574
Incident Type	Release Other
Incident Status	Remediation Plan Approved
Incident Well	[30-015-41574] STRAWBERRY 7 FEDERAL COM #009H

Location of Release Source	
Site Name	STRAWBERRY 7 FED COM 9H
Date Release Discovered	03/16/2020
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	6,000
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/18/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Sally Carttar 575-361-3561
Please provide any information necessary for navigation to sampling site	From the intersection of US-180 and HW-285 in Carlsbad. Head east on US-180 E/US-62 E, travel for 15.1 mi. Turn left onto NM-360 N, travel for 5.7 mi. Turn right onto Shugart Rd, travel for 4.9 mi. Turn left, travel for 3.8 mi. Location will be on your right

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

CONDITIONS

Action 431595

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 431595
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/13/2025

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

Action 431597

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 431597
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2008052559
Incident Name	NRM2008052559 STRAWBERRY 7 FED COM 9H @ 30-015-41574
Incident Type	Release Other
Incident Status	Remediation Plan Approved
Incident Well	[30-015-41574] STRAWBERRY 7 FEDERAL COM #009H

Location of Release Source	
Site Name	STRAWBERRY 7 FED COM 9H
Date Release Discovered	03/16/2020
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	6,000
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/19/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Sally Carttar 575-361-3561
Please provide any information necessary for navigation to sampling site	From the intersection of US-180 and HW-285 in Carlsbad. Head east on US-180 E/US-62 E, travel for 15.1 mi. Turn left onto NM-360 N, travel for 5.7 mi. Turn right onto Shugart Rd, travel for 4.9 mi. Turn left, travel for 3.8 mi. Location will be on your right

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

CONDITIONS

Action 431597

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 431597
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/13/2025

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

QUESTIONS

Action 440636

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 440636
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2008052559
Incident Name	NRM2008052559 STRAWBERRY 7 FED COM 9H @ 30-015-41574
Incident Type	Release Other
Incident Status	Remediation Plan Approved
Incident Well	[30-015-41574] STRAWBERRY 7 FEDERAL COM #009H

Location of Release Source	
Site Name	STRAWBERRY 7 FED COM 9H
Date Release Discovered	03/16/2020
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	400
What is the estimated number of samples that will be gathered	1
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/13/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Sally Carttar 575-361-3561
Please provide any information necessary for navigation to sampling site	From the intersection of US-180 and HW-285 in Carlsbad. Head east on US-180 E/US-62 E, travel for 15.1 mi. Turn left onto NM-360 N, travel for 5.7 mi. Turn right onto Shugart Rd, travel for 4.9 mi. Turn left, travel for 3.8 mi. Location will be on your right

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

CONDITIONS

Action 440636

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 440636
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/10/2025

APPENDIX D – Laboratory Data Reports and Chain of Custody Forms



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

October 06, 2023

Kent Stallings

Devon Energy

6488 Seven Rivers Highway

Artesia, NM 88210

TEL: (575) 748-0176

FAX:

RE: Strawberry 7 Fed Com 9H

OrderNo.: 2309C50

Dear Kent Stallings:

Hall Environmental Analysis Laboratory received 26 sample(s) on 9/22/2023 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", is written over a light blue horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-01 0.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 9:00:00 AM

Lab ID: 2309C50-001

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/27/2023 8:00:28 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/27/2023 8:00:28 AM
Surr: DNOP	95.9	69-147		%Rec	1	9/27/2023 8:00:28 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/27/2023 7:24:00 PM
Surr: BFB	97.9	15-244		%Rec	1	9/27/2023 7:24:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	9/27/2023 7:24:00 PM
Toluene	ND	0.049		mg/Kg	1	9/27/2023 7:24:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	9/27/2023 7:24:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	9/27/2023 7:24:00 PM
Surr: 4-Bromofluorobenzene	87.9	39.1-146		%Rec	1	9/27/2023 7:24:00 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	2200	60		mg/Kg	20	9/28/2023 11:55:35 AM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Page 1 of 34

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-01 2.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 9:10:00 AM

Lab ID: 2309C50-002

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	9/27/2023 12:09:48 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/27/2023 12:09:48 AM
Surr: DNOP	95.8	69-147		%Rec	1	9/27/2023 12:09:48 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/27/2023 3:30:52 PM
Surr: BFB	94.2	15-244		%Rec	1	9/27/2023 3:30:52 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	9/27/2023 3:30:52 PM
Toluene	ND	0.049		mg/Kg	1	9/27/2023 3:30:52 PM
Ethylbenzene	ND	0.049		mg/Kg	1	9/27/2023 3:30:52 PM
Xylenes, Total	ND	0.098		mg/Kg	1	9/27/2023 3:30:52 PM
Surr: 4-Bromofluorobenzene	102	39.1-146		%Rec	1	9/27/2023 3:30:52 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	140	60		mg/Kg	20	9/28/2023 12:32:48 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Page 2 of 34

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-02 0.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 9:20:00 AM

Lab ID: 2309C50-003

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	9/27/2023 12:43:39 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/27/2023 12:43:39 AM
Surr: DNOP	94.7	69-147		%Rec	1	9/27/2023 12:43:39 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/27/2023 4:41:07 PM
Surr: BFB	94.0	15-244		%Rec	1	9/27/2023 4:41:07 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	9/27/2023 4:41:07 PM
Toluene	ND	0.048		mg/Kg	1	9/27/2023 4:41:07 PM
Ethylbenzene	ND	0.048		mg/Kg	1	9/27/2023 4:41:07 PM
Xylenes, Total	ND	0.097		mg/Kg	1	9/27/2023 4:41:07 PM
Surr: 4-Bromofluorobenzene	103	39.1-146		%Rec	1	9/27/2023 4:41:07 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	61	60		mg/Kg	20	9/28/2023 12:45:13 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-02 2.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 9:30:00 AM

Lab ID: 2309C50-004

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	9/27/2023 12:54:52 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/27/2023 12:54:52 AM
Surr: DNOP	94.6	69-147		%Rec	1	9/27/2023 12:54:52 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/27/2023 5:51:33 PM
Surr: BFB	97.0	15-244		%Rec	1	9/27/2023 5:51:33 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	9/27/2023 5:51:33 PM
Toluene	ND	0.049		mg/Kg	1	9/27/2023 5:51:33 PM
Ethylbenzene	ND	0.049		mg/Kg	1	9/27/2023 5:51:33 PM
Xylenes, Total	ND	0.098		mg/Kg	1	9/27/2023 5:51:33 PM
Surr: 4-Bromofluorobenzene	106	39.1-146		%Rec	1	9/27/2023 5:51:33 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	75	60		mg/Kg	20	9/28/2023 12:57:37 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-03 0.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 9:40:00 AM

Lab ID: 2309C50-005

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	9/27/2023 1:06:05 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/27/2023 1:06:05 AM
Surr: DNOP	95.0	69-147		%Rec	1	9/27/2023 1:06:05 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/27/2023 6:14:56 PM
Surr: BFB	94.9	15-244		%Rec	1	9/27/2023 6:14:56 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	9/27/2023 6:14:56 PM
Toluene	ND	0.047		mg/Kg	1	9/27/2023 6:14:56 PM
Ethylbenzene	ND	0.047		mg/Kg	1	9/27/2023 6:14:56 PM
Xylenes, Total	ND	0.095		mg/Kg	1	9/27/2023 6:14:56 PM
Surr: 4-Bromofluorobenzene	102	39.1-146		%Rec	1	9/27/2023 6:14:56 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	880	60		mg/Kg	20	9/28/2023 1:10:01 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-03 2.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 9:50:00 AM

Lab ID: 2309C50-006

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/27/2023 1:17:16 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/27/2023 1:17:16 AM
Surr: DNOP	101	69-147		%Rec	1	9/27/2023 1:17:16 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/27/2023 6:38:22 PM
Surr: BFB	97.3	15-244		%Rec	1	9/27/2023 6:38:22 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	9/27/2023 6:38:22 PM
Toluene	ND	0.049		mg/Kg	1	9/27/2023 6:38:22 PM
Ethylbenzene	ND	0.049		mg/Kg	1	9/27/2023 6:38:22 PM
Xylenes, Total	ND	0.097		mg/Kg	1	9/27/2023 6:38:22 PM
Surr: 4-Bromofluorobenzene	105	39.1-146		%Rec	1	9/27/2023 6:38:22 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	3600	150		mg/Kg	50	9/30/2023 11:09:45 AM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-03 4.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 10:00:00 AM

Lab ID: 2309C50-007

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/27/2023 1:28:25 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/27/2023 1:28:25 AM
Surr: DNOP	90.1	69-147		%Rec	1	9/27/2023 1:28:25 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/27/2023 7:01:45 PM
Surr: BFB	97.0	15-244		%Rec	1	9/27/2023 7:01:45 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	9/27/2023 7:01:45 PM
Toluene	ND	0.047		mg/Kg	1	9/27/2023 7:01:45 PM
Ethylbenzene	ND	0.047		mg/Kg	1	9/27/2023 7:01:45 PM
Xylenes, Total	ND	0.095		mg/Kg	1	9/27/2023 7:01:45 PM
Surr: 4-Bromofluorobenzene	105	39.1-146		%Rec	1	9/27/2023 7:01:45 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	140	60		mg/Kg	20	9/28/2023 1:34:51 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-04 0.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 10:10:00 AM

Lab ID: 2309C50-008

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	9/27/2023 1:39:32 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/27/2023 1:39:32 AM
Surr: DNOP	93.1	69-147		%Rec	1	9/27/2023 1:39:32 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/27/2023 7:25:25 PM
Surr: BFB	95.9	15-244		%Rec	1	9/27/2023 7:25:25 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	9/27/2023 7:25:25 PM
Toluene	ND	0.048		mg/Kg	1	9/27/2023 7:25:25 PM
Ethylbenzene	ND	0.048		mg/Kg	1	9/27/2023 7:25:25 PM
Xylenes, Total	ND	0.095		mg/Kg	1	9/27/2023 7:25:25 PM
Surr: 4-Bromofluorobenzene	104	39.1-146		%Rec	1	9/27/2023 7:25:25 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	4500	150		mg/Kg	50	9/30/2023 11:22:06 AM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-04 2.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 10:20:00 AM

Lab ID: 2309C50-009

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/27/2023 1:50:39 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/27/2023 1:50:39 AM
Surr: DNOP	88.7	69-147		%Rec	1	9/27/2023 1:50:39 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	9/27/2023 7:48:43 PM
Surr: BFB	96.7	15-244		%Rec	1	9/27/2023 7:48:43 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	9/27/2023 7:48:43 PM
Toluene	ND	0.046		mg/Kg	1	9/27/2023 7:48:43 PM
Ethylbenzene	ND	0.046		mg/Kg	1	9/27/2023 7:48:43 PM
Xylenes, Total	ND	0.092		mg/Kg	1	9/27/2023 7:48:43 PM
Surr: 4-Bromofluorobenzene	105	39.1-146		%Rec	1	9/27/2023 7:48:43 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	730	60		mg/Kg	20	9/28/2023 2:24:28 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-05 0.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 10:30:00 AM

Lab ID: 2309C50-010

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	9/27/2023 2:12:38 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/27/2023 2:12:38 AM
Surr: DNOP	91.9	69-147		%Rec	1	9/27/2023 2:12:38 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/27/2023 8:12:05 PM
Surr: BFB	97.8	15-244		%Rec	1	9/27/2023 8:12:05 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	9/27/2023 8:12:05 PM
Toluene	ND	0.049		mg/Kg	1	9/27/2023 8:12:05 PM
Ethylbenzene	ND	0.049		mg/Kg	1	9/27/2023 8:12:05 PM
Xylenes, Total	ND	0.098		mg/Kg	1	9/27/2023 8:12:05 PM
Surr: 4-Bromofluorobenzene	108	39.1-146		%Rec	1	9/27/2023 8:12:05 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	440	60		mg/Kg	20	9/28/2023 2:36:52 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-05 2.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 10:40:00 AM

Lab ID: 2309C50-011

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	9/27/2023 2:23:41 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/27/2023 2:23:41 AM
Surr: DNOP	93.5	69-147		%Rec	1	9/27/2023 2:23:41 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/27/2023 8:35:38 PM
Surr: BFB	93.5	15-244		%Rec	1	9/27/2023 8:35:38 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	9/27/2023 8:35:38 PM
Toluene	ND	0.050		mg/Kg	1	9/27/2023 8:35:38 PM
Ethylbenzene	ND	0.050		mg/Kg	1	9/27/2023 8:35:38 PM
Xylenes, Total	ND	0.10		mg/Kg	1	9/27/2023 8:35:38 PM
Surr: 4-Bromofluorobenzene	102	39.1-146		%Rec	1	9/27/2023 8:35:38 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	190	60		mg/Kg	20	9/28/2023 2:49:17 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-06 0.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 10:50:00 AM

Lab ID: 2309C50-012

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/27/2023 2:34:45 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/27/2023 2:34:45 AM
Surr: DNOP	89.5	69-147		%Rec	1	9/27/2023 2:34:45 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/27/2023 9:45:40 PM
Surr: BFB	97.7	15-244		%Rec	1	9/27/2023 9:45:40 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	9/27/2023 9:45:40 PM
Toluene	ND	0.047		mg/Kg	1	9/27/2023 9:45:40 PM
Ethylbenzene	ND	0.047		mg/Kg	1	9/27/2023 9:45:40 PM
Xylenes, Total	ND	0.095		mg/Kg	1	9/27/2023 9:45:40 PM
Surr: 4-Bromofluorobenzene	105	39.1-146		%Rec	1	9/27/2023 9:45:40 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	410	60		mg/Kg	20	9/28/2023 3:01:42 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-06 2.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 11:00:00 AM

Lab ID: 2309C50-013

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	9/27/2023 2:45:47 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/27/2023 2:45:47 AM
Surr: DNOP	89.1	69-147		%Rec	1	9/27/2023 2:45:47 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/27/2023 10:09:00 PM
Surr: BFB	96.0	15-244		%Rec	1	9/27/2023 10:09:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	9/27/2023 10:09:00 PM
Toluene	ND	0.050		mg/Kg	1	9/27/2023 10:09:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	9/27/2023 10:09:00 PM
Xylenes, Total	ND	0.10		mg/Kg	1	9/27/2023 10:09:00 PM
Surr: 4-Bromofluorobenzene	104	39.1-146		%Rec	1	9/27/2023 10:09:00 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	100	60		mg/Kg	20	9/28/2023 3:14:06 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-07 0.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 11:10:00 AM

Lab ID: 2309C50-014

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/27/2023 2:56:45 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/27/2023 2:56:45 AM
Surr: DNOP	94.3	69-147		%Rec	1	9/27/2023 2:56:45 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/27/2023 10:32:24 PM
Surr: BFB	96.9	15-244		%Rec	1	9/27/2023 10:32:24 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	9/27/2023 10:32:24 PM
Toluene	ND	0.048		mg/Kg	1	9/27/2023 10:32:24 PM
Ethylbenzene	ND	0.048		mg/Kg	1	9/27/2023 10:32:24 PM
Xylenes, Total	ND	0.096		mg/Kg	1	9/27/2023 10:32:24 PM
Surr: 4-Bromofluorobenzene	105	39.1-146		%Rec	1	9/27/2023 10:32:24 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	5400	300		mg/Kg	100	9/30/2023 11:34:27 AM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-07 2.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 11:20:00 AM

Lab ID: 2309C50-015

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/27/2023 3:07:42 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/27/2023 3:07:42 AM
Surr: DNOP	93.9	69-147		%Rec	1	9/27/2023 3:07:42 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/27/2023 10:55:49 PM
Surr: BFB	96.6	15-244		%Rec	1	9/27/2023 10:55:49 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	9/27/2023 10:55:49 PM
Toluene	ND	0.047		mg/Kg	1	9/27/2023 10:55:49 PM
Ethylbenzene	ND	0.047		mg/Kg	1	9/27/2023 10:55:49 PM
Xylenes, Total	ND	0.094		mg/Kg	1	9/27/2023 10:55:49 PM
Surr: 4-Bromofluorobenzene	105	39.1-146		%Rec	1	9/27/2023 10:55:49 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	200	60		mg/Kg	20	9/28/2023 3:38:56 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-08 0.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 11:30:00 AM

Lab ID: 2309C50-016

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	9/27/2023 3:18:40 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/27/2023 3:18:40 AM
Surr: DNOP	93.5	69-147		%Rec	1	9/27/2023 3:18:40 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	9/27/2023 11:19:14 PM
Surr: BFB	94.3	15-244		%Rec	1	9/27/2023 11:19:14 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	9/27/2023 11:19:14 PM
Toluene	ND	0.046		mg/Kg	1	9/27/2023 11:19:14 PM
Ethylbenzene	ND	0.046		mg/Kg	1	9/27/2023 11:19:14 PM
Xylenes, Total	ND	0.091		mg/Kg	1	9/27/2023 11:19:14 PM
Surr: 4-Bromofluorobenzene	103	39.1-146		%Rec	1	9/27/2023 11:19:14 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	ND	60		mg/Kg	20	9/28/2023 3:51:20 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-08 2.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 11:40:00 AM

Lab ID: 2309C50-017

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/27/2023 3:29:34 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/27/2023 3:29:34 AM
Surr: DNOP	89.4	69-147		%Rec	1	9/27/2023 3:29:34 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/27/2023 11:42:34 PM
Surr: BFB	98.8	15-244		%Rec	1	9/27/2023 11:42:34 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	9/27/2023 11:42:34 PM
Toluene	ND	0.050		mg/Kg	1	9/27/2023 11:42:34 PM
Ethylbenzene	ND	0.050		mg/Kg	1	9/27/2023 11:42:34 PM
Xylenes, Total	ND	0.10		mg/Kg	1	9/27/2023 11:42:34 PM
Surr: 4-Bromofluorobenzene	107	39.1-146		%Rec	1	9/27/2023 11:42:34 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	66	60		mg/Kg	20	9/28/2023 4:03:45 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-09 0.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 11:50:00 AM

Lab ID: 2309C50-018

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	9/27/2023 3:40:24 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/27/2023 3:40:24 AM
Surr: DNOP	94.7	69-147		%Rec	1	9/27/2023 3:40:24 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/28/2023 12:05:52 AM
Surr: BFB	96.5	15-244		%Rec	1	9/28/2023 12:05:52 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	9/28/2023 12:05:52 AM
Toluene	ND	0.049		mg/Kg	1	9/28/2023 12:05:52 AM
Ethylbenzene	ND	0.049		mg/Kg	1	9/28/2023 12:05:52 AM
Xylenes, Total	ND	0.097		mg/Kg	1	9/28/2023 12:05:52 AM
Surr: 4-Bromofluorobenzene	104	39.1-146		%Rec	1	9/28/2023 12:05:52 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	7300	300		mg/Kg	100	9/30/2023 12:01:57 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-09 2.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 12:00:00 PM

Lab ID: 2309C50-019

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/27/2023 3:51:12 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/27/2023 3:51:12 AM
Surr: DNOP	94.6	69-147		%Rec	1	9/27/2023 3:51:12 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	9/28/2023 12:29:13 AM
Surr: BFB	97.1	15-244		%Rec	1	9/28/2023 12:29:13 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	9/28/2023 12:29:13 AM
Toluene	ND	0.046		mg/Kg	1	9/28/2023 12:29:13 AM
Ethylbenzene	ND	0.046		mg/Kg	1	9/28/2023 12:29:13 AM
Xylenes, Total	ND	0.091		mg/Kg	1	9/28/2023 12:29:13 AM
Surr: 4-Bromofluorobenzene	105	39.1-146		%Rec	1	9/28/2023 12:29:13 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	1900	60		mg/Kg	20	9/28/2023 4:53:24 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-09 4.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 12:10:00 PM

Lab ID: 2309C50-020

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	9/27/2023 4:02:01 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/27/2023 4:02:01 AM
Surr: DNOP	94.8	69-147		%Rec	1	9/27/2023 4:02:01 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/28/2023 12:52:38 AM
Surr: BFB	96.3	15-244		%Rec	1	9/28/2023 12:52:38 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	9/28/2023 12:52:38 AM
Toluene	ND	0.047		mg/Kg	1	9/28/2023 12:52:38 AM
Ethylbenzene	ND	0.047		mg/Kg	1	9/28/2023 12:52:38 AM
Xylenes, Total	ND	0.094		mg/Kg	1	9/28/2023 12:52:38 AM
Surr: 4-Bromofluorobenzene	104	39.1-146		%Rec	1	9/28/2023 12:52:38 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	110	60		mg/Kg	20	9/28/2023 5:30:37 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-10 0.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 12:20:00 PM

Lab ID: 2309C50-021

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/27/2023 4:12:48 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/27/2023 4:12:48 AM
Surr: DNOP	110	69-147		%Rec	1	9/27/2023 4:12:48 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/28/2023 1:16:11 AM
Surr: BFB	97.0	15-244		%Rec	1	9/28/2023 1:16:11 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	9/28/2023 1:16:11 AM
Toluene	ND	0.049		mg/Kg	1	9/28/2023 1:16:11 AM
Ethylbenzene	ND	0.049		mg/Kg	1	9/28/2023 1:16:11 AM
Xylenes, Total	ND	0.099		mg/Kg	1	9/28/2023 1:16:11 AM
Surr: 4-Bromofluorobenzene	105	39.1-146		%Rec	1	9/28/2023 1:16:11 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	280	60		mg/Kg	20	9/28/2023 6:07:50 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-10 2.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 12:30:00 PM

Lab ID: 2309C50-022

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	9/28/2023 12:02:42 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/28/2023 12:02:42 PM
Surr: DNOP	103	69-147		%Rec	1	9/28/2023 12:02:42 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/28/2023 10:55:00 AM
Surr: BFB	98.9	15-244		%Rec	1	9/28/2023 10:55:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	9/28/2023 10:55:00 AM
Toluene	ND	0.050		mg/Kg	1	9/28/2023 10:55:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	9/28/2023 10:55:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	9/28/2023 10:55:00 AM
Surr: 4-Bromofluorobenzene	88.8	39.1-146		%Rec	1	9/28/2023 10:55:00 AM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	69	60		mg/Kg	20	9/28/2023 6:45:03 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-11 0.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 12:40:00 PM

Lab ID: 2309C50-023

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	9/28/2023 12:36:06 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/28/2023 12:36:06 PM
Surr: DNOP	100	69-147		%Rec	1	9/28/2023 12:36:06 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/28/2023 12:01:00 PM
Surr: BFB	102	15-244		%Rec	1	9/28/2023 12:01:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	9/28/2023 12:01:00 PM
Toluene	ND	0.048		mg/Kg	1	9/28/2023 12:01:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	9/28/2023 12:01:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	9/28/2023 12:01:00 PM
Surr: 4-Bromofluorobenzene	91.2	39.1-146		%Rec	1	9/28/2023 12:01:00 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	390	60		mg/Kg	20	9/28/2023 7:22:17 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-11 2.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 12:50:00 PM

Lab ID: 2309C50-024

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	9/28/2023 12:46:55 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/28/2023 12:46:55 PM
Surr: DNOP	100	69-147		%Rec	1	9/28/2023 12:46:55 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	9/28/2023 1:06:00 PM
Surr: BFB	100	15-244		%Rec	1	9/28/2023 1:06:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	9/28/2023 1:06:00 PM
Toluene	ND	0.046		mg/Kg	1	9/28/2023 1:06:00 PM
Ethylbenzene	ND	0.046		mg/Kg	1	9/28/2023 1:06:00 PM
Xylenes, Total	ND	0.092		mg/Kg	1	9/28/2023 1:06:00 PM
Surr: 4-Bromofluorobenzene	87.3	39.1-146		%Rec	1	9/28/2023 1:06:00 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	ND	60		mg/Kg	20	9/28/2023 7:34:41 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-12 0.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 1:00:00 PM

Lab ID: 2309C50-025

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	9/28/2023 1:08:33 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/28/2023 1:08:33 PM
Surr: DNOP	96.6	69-147		%Rec	1	9/28/2023 1:08:33 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/28/2023 1:27:00 PM
Surr: BFB	102	15-244		%Rec	1	9/28/2023 1:27:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	9/28/2023 1:27:00 PM
Toluene	ND	0.048		mg/Kg	1	9/28/2023 1:27:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	9/28/2023 1:27:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	9/28/2023 1:27:00 PM
Surr: 4-Bromofluorobenzene	87.8	39.1-146		%Rec	1	9/28/2023 1:27:00 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	400	60		mg/Kg	20	9/28/2023 7:47:06 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309C50

Date Reported: 10/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-12 2.0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/20/2023 1:10:00 PM

Lab ID: 2309C50-026

Matrix: SOIL

Received Date: 9/22/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	9/28/2023 1:19:32 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/28/2023 1:19:32 PM
Surr: DNOP	107	69-147		%Rec	1	9/28/2023 1:19:32 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/28/2023 1:49:00 PM
Surr: BFB	101	15-244		%Rec	1	9/28/2023 1:49:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	9/28/2023 1:49:00 PM
Toluene	ND	0.048		mg/Kg	1	9/28/2023 1:49:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	9/28/2023 1:49:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	9/28/2023 1:49:00 PM
Surr: 4-Bromofluorobenzene	88.6	39.1-146		%Rec	1	9/28/2023 1:49:00 PM
EPA METHOD 300.0: ANIONS						Analyst: RBC
Chloride	450	60		mg/Kg	20	9/28/2023 7:59:30 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2309C50

06-Oct-23

Client: Devon Energy
Project: Strawberry 7 Fed Com 9H

Sample ID: MB-77816	SampType: MBLK		TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 77816		RunNo: 100088							
Prep Date: 9/28/2023	Analysis Date: 9/28/2023		SeqNo: 3662812		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-77816	SampType: LCS		TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 77816		RunNo: 100088							
Prep Date: 9/28/2023	Analysis Date: 9/28/2023		SeqNo: 3662813		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.0	90	110			

Sample ID: MB-77839	SampType: MBLK		TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 77839		RunNo: 100088							
Prep Date: 9/28/2023	Analysis Date: 9/28/2023		SeqNo: 3662848		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-77839	SampType: LCS		TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 77839		RunNo: 100088							
Prep Date: 9/28/2023	Analysis Date: 9/28/2023		SeqNo: 3662849		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.7	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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/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#: 2309C50

06-Oct-23

Client: Devon Energy

Project: Strawberry 7 Fed Com 9H

Sample ID: 2309C50-002AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: BH23-01 2.0'	Batch ID: 77775	RunNo: 100003
Prep Date: 9/26/2023	Analysis Date: 9/27/2023	SeqNo: 3658158 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	48	9.7 48.54 0 99.7 54.2 135
Surr: DNOP	4.8	4.854 98.3 69 147

Sample ID: 2309C50-002AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: BH23-01 2.0'	Batch ID: 77775	RunNo: 100003
Prep Date: 9/26/2023	Analysis Date: 9/27/2023	SeqNo: 3658159 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	50	9.6 47.85 0 104 54.2 135 2.49 29.2
Surr: DNOP	4.8	4.785 99.4 69 147 0 0

Sample ID: LCS-77774	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 77774	RunNo: 100003
Prep Date: 9/26/2023	Analysis Date: 9/27/2023	SeqNo: 3658235 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	53	10 50.00 0 106 61.9 130
Surr: DNOP	4.8	5.000 96.7 69 147

Sample ID: LCS-77775	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 77775	RunNo: 100003
Prep Date: 9/26/2023	Analysis Date: 9/26/2023	SeqNo: 3658237 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	49	10 50.00 0 99.0 61.9 130
Surr: DNOP	4.6	5.000 91.0 69 147

Sample ID: MB-77774	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 77774	RunNo: 100003
Prep Date: 9/26/2023	Analysis Date: 9/27/2023	SeqNo: 3658244 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	8.5	10.00 84.7 69 147

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/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#: 2309C50

06-Oct-23

Client: Devon Energy
Project: Strawberry 7 Fed Com 9H

Sample ID: MB-77775	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 77775		RunNo: 100003							
Prep Date: 9/26/2023	Analysis Date: 9/26/2023		SeqNo: 3658246		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	9.2		10.00		91.9	69	147			

Sample ID: 2309C50-022AMS	SampType: MS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: BH23-10 2.0'	Batch ID: 77798		RunNo: 100081							
Prep Date: 9/27/2023	Analysis Date: 9/28/2023		SeqNo: 3662137		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	9.9	49.41	0	102	54.2	135			
Surr: DNOP	5.2		4.941		105	69	147			

Sample ID: 2309C50-022AMSD	SampType: MSD		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: BH23-10 2.0'	Batch ID: 77798		RunNo: 100081							
Prep Date: 9/27/2023	Analysis Date: 9/28/2023		SeqNo: 3662139		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	9.8	49.12	0	99.5	54.2	135	2.94	29.2	
Surr: DNOP	5.0		4.912		103	69	147	0	0	

Sample ID: LCS-77798	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 77798		RunNo: 100081							
Prep Date: 9/27/2023	Analysis Date: 9/28/2023		SeqNo: 3662172		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	104	61.9	130			
Surr: DNOP	4.9		5.000		98.8	69	147			

Sample ID: MB-77798	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 77798		RunNo: 100081							
Prep Date: 9/27/2023	Analysis Date: 9/28/2023		SeqNo: 3662173		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	11		10.00		114	69	147			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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

WO#: 2309C50

06-Oct-23

Client: Devon Energy
Project: Strawberry 7 Fed Com 9H

Sample ID: ics-77768	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 77768			RunNo: 100030						
Prep Date: 9/26/2023	Analysis Date: 9/27/2023			SeqNo: 3659861		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	89.3	70	130			
Surr: BFB	2100		1000		206	15	244			

Sample ID: mb-77768	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 77768			RunNo: 100030						
Prep Date: 9/26/2023	Analysis Date: 9/27/2023			SeqNo: 3659862		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	950		1000		95.3	15	244			

Sample ID: 2309c50-002ams	SampType: MS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: BH23-01 2.0'	Batch ID: 77768			RunNo: 100030						
Prep Date: 9/26/2023	Analysis Date: 9/27/2023			SeqNo: 3660671		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.9	24.30	0	91.4	70	130			
Surr: BFB	2000		971.8		208	15	244			

Sample ID: 2309c50-002amsd	SampType: MSD			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: BH23-01 2.0'	Batch ID: 77768			RunNo: 100030						
Prep Date: 9/26/2023	Analysis Date: 9/27/2023			SeqNo: 3660672		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	4.9	24.49	0	86.4	70	130	4.80	20	
Surr: BFB	2000		979.4		202	15	244	0	0	

Sample ID: ics-77759	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 77759			RunNo: 100002						
Prep Date: 9/26/2023	Analysis Date: 9/27/2023			SeqNo: 3660788		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	92.6	70	130			
Surr: BFB	2300		1000		227	15	244			

Sample ID: mb-77759	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 77759			RunNo: 100002						
Prep Date: 9/26/2023	Analysis Date: 9/27/2023			SeqNo: 3660790		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2309C50

06-Oct-23

Client: Devon Energy
Project: Strawberry 7 Fed Com 9H

Sample ID: mb-77759	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 77759			RunNo: 100002						
Prep Date: 9/26/2023	Analysis Date: 9/27/2023			SeqNo: 3660790		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		101	15	244			

Sample ID: lcs-77788	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 77788			RunNo: 100076						
Prep Date: 9/27/2023	Analysis Date: 9/28/2023			SeqNo: 3661991		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	87.1	70	130			
Surr: BFB	2200		1000		224	15	244			

Sample ID: mb-77788	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 77788			RunNo: 100076						
Prep Date: 9/27/2023	Analysis Date: 9/28/2023			SeqNo: 3661992		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		104	15	244			

Sample ID: 2309c50-022ams	SampType: MS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: BH23-10 2.0'	Batch ID: 77788			RunNo: 100076						
Prep Date: 9/27/2023	Analysis Date: 9/28/2023			SeqNo: 3661994		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	24.90	0	86.4	70	130			
Surr: BFB	2200		996.0		222	15	244			

Sample ID: 2309c50-022amsd	SampType: MSD			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: BH23-10 2.0'	Batch ID: 77788			RunNo: 100076						
Prep Date: 9/27/2023	Analysis Date: 9/28/2023			SeqNo: 3661995		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	24.80	0	87.9	70	130	1.30	20	
Surr: BFB	2200		992.1		226	15	244	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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/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#: 2309C50

06-Oct-23

Client: Devon Energy**Project:** Strawberry 7 Fed Com 9H

Sample ID: LCS-77768	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 77768			RunNo: 100030						
Prep Date: 9/26/2023	Analysis Date: 9/27/2023			SeqNo: 3659876		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.2	70	130			
Toluene	0.92	0.050	1.000	0	92.5	70	130			
Ethylbenzene	0.93	0.050	1.000	0	93.5	70	130			
Xylenes, Total	2.8	0.10	3.000	0	93.6	70	130			
Surr: 4-Bromofluorobenzene	1.1		1.000		107	39.1	146			

Sample ID: mb-77768	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 77768			RunNo: 100030						
Prep Date: 9/26/2023	Analysis Date: 9/27/2023			SeqNo: 3659877		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	1.0		1.000		104	39.1	146			

Sample ID: 2309c50-003ams	SampType: MS			TestCode: EPA Method 8021B: Volatiles						
Client ID: BH23-02 0.0'	Batch ID: 77768			RunNo: 100030						
Prep Date: 9/26/2023	Analysis Date: 9/27/2023			SeqNo: 3660823		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.024	0.9662	0	99.2	70	130			
Toluene	0.97	0.048	0.9662	0	101	70	130			
Ethylbenzene	0.98	0.048	0.9662	0	102	70	130			
Xylenes, Total	3.0	0.097	2.899	0	102	70	130			
Surr: 4-Bromofluorobenzene	1.0		0.9662		107	39.1	146			

Sample ID: 2309c50-003amsd	SampType: MSD			TestCode: EPA Method 8021B: Volatiles						
Client ID: BH23-02 0.0'	Batch ID: 77768			RunNo: 100030						
Prep Date: 9/26/2023	Analysis Date: 9/27/2023			SeqNo: 3660825		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.024	0.9709	0	101	70	130	2.28	20	
Toluene	1.0	0.049	0.9709	0	103	70	130	2.28	20	
Ethylbenzene	1.0	0.049	0.9709	0	104	70	130	2.50	20	
Xylenes, Total	3.0	0.097	2.913	0	104	70	130	2.05	20	
Surr: 4-Bromofluorobenzene	1.0		0.9709		106	39.1	146	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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/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#: 2309C50

06-Oct-23

Client: Devon Energy**Project:** Strawberry 7 Fed Com 9H

Sample ID: ics-77759	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 77759			RunNo: 100002						
Prep Date: 9/26/2023	Analysis Date: 9/27/2023			SeqNo: 3660850		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	87.7	70	130			
Toluene	0.88	0.050	1.000	0	88.1	70	130			
Ethylbenzene	0.91	0.050	1.000	0	91.0	70	130			
Xylenes, Total	2.7	0.10	3.000	0	91.4	70	130			
Surr: 4-Bromofluorobenzene	0.94		1.000		93.9	39.1	146			

Sample ID: mb-77759	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 77759			RunNo: 100002						
Prep Date: 9/26/2023	Analysis Date: 9/27/2023			SeqNo: 3660851		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	0.91		1.000		91.0	39.1	146			

Sample ID: ics-77788	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 77788			RunNo: 100076						
Prep Date: 9/27/2023	Analysis Date: 9/28/2023			SeqNo: 3661953		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.77	0.025	1.000	0	76.8	70	130			
Toluene	0.79	0.050	1.000	0	78.5	70	130			
Ethylbenzene	0.81	0.050	1.000	0	80.7	70	130			
Xylenes, Total	2.4	0.10	3.000	0	80.8	70	130			
Surr: 4-Bromofluorobenzene	0.90		1.000		90.3	39.1	146			

Sample ID: mb-77788	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 77788			RunNo: 100076						
Prep Date: 9/27/2023	Analysis Date: 9/28/2023			SeqNo: 3661954		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	0.90		1.000		90.1	39.1	146			

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/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#: 2309C50

06-Oct-23

Client: Devon Energy

Project: Strawberry 7 Fed Com 9H

Sample ID: 2309c50-023ams	SampType: MS			TestCode: EPA Method 8021B: Volatiles						
Client ID: BH23-11 0.0'	Batch ID: 77788			RunNo: 100076						
Prep Date: 9/27/2023	Analysis Date: 9/28/2023			SeqNo: 3661957		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.024	0.9718	0	89.1	70	130			
Toluene	0.89	0.049	0.9718	0	91.2	70	130			
Ethylbenzene	0.91	0.049	0.9718	0	94.0	70	130			
Xylenes, Total	2.7	0.097	2.915	0	94.3	70	130			
Surr: 4-Bromofluorobenzene	0.90		0.9718		92.5	39.1	146			

Sample ID: 2309c50-023amsd		SampType: MSD		TestCode: EPA Method 8021B: Volatiles						
Client ID: BH23-11 0.0'		Batch ID: 77788		RunNo: 100076						
Prep Date: 9/27/2023		Analysis Date: 9/28/2023		SeqNo: 3661958			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.024	0.9653	0	89.8	70	130	0.158	20	
Toluene	0.89	0.048	0.9653	0	91.9	70	130	0.177	20	
Ethylbenzene	0.92	0.048	0.9653	0	95.1	70	130	0.475	20	
Xylenes, Total	2.8	0.097	2.896	0	95.3	70	130	0.351	20	
Surr: 4-Bromofluorobenzene	0.85		0.9653		88.2	39.1	146	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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/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
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: 2309C50

RcptNo: 1

Received By: Juan Rojas 9/22/2023 7:35:00 AM

Completed By: Cheyenne Cason 9/22/2023 8:37:48 AM

Reviewed By: *juan 9/22/23*

Juan Rojas

Cason

Chain of Custody

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

2. How was the sample delivered? Client

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? Yes ☒ No ☐

(Note discrepancies on chain of custody)

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? Yes ☒ No ☐

(If no, notify customer for authorization.)

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by:

SCM 9/22/23

Special Handling (if applicable)

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

Person Notified:

Date:

By Whom:

Via:

☐ eMail

☐ Phone

☐ Fax

☐ 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	3.3	Good	Not Present	Yogi		



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

October 11, 2023

Kent Stallings

Vertex Resources Services, Inc.

3101 Boyd Drive

Carlsbad, NM 88220

TEL:

FAX:

RE: Strawberry 7 Fed Com 9H

OrderNo.: 2309E40

Dear Kent Stallings:

Hall Environmental Analysis Laboratory received 23 sample(s) on 9/27/2023 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", is written over a light blue horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-13 0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 8:00:00 AM

Lab ID: 2309E40-001

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/29/2023 5:08:23 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/29/2023 5:08:23 PM
Surr: DNOP	120	69-147		%Rec	1	9/29/2023 5:08:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/2/2023 10:03:00 PM
Surr: BFB	99.5	15-244		%Rec	1	10/2/2023 10:03:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	10/2/2023 10:03:00 PM
Toluene	ND	0.048		mg/Kg	1	10/2/2023 10:03:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	10/2/2023 10:03:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	10/2/2023 10:03:00 PM
Surr: 4-Bromofluorobenzene	87.7	39.1-146		%Rec	1	10/2/2023 10:03:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	710	60		mg/Kg	20	10/3/2023 4:12:42 AM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-13 2'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 8:10:00 AM

Lab ID: 2309E40-002

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	9/29/2023 5:19:07 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/29/2023 5:19:07 PM
Surr: DNOP	124	69-147		%Rec	1	9/29/2023 5:19:07 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/2/2023 10:25:00 PM
Surr: BFB	98.8	15-244		%Rec	1	10/2/2023 10:25:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	10/2/2023 10:25:00 PM
Toluene	ND	0.047		mg/Kg	1	10/2/2023 10:25:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	10/2/2023 10:25:00 PM
Xylenes, Total	ND	0.094		mg/Kg	1	10/2/2023 10:25:00 PM
Surr: 4-Bromofluorobenzene	88.2	39.1-146		%Rec	1	10/2/2023 10:25:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	71	60		mg/Kg	20	10/3/2023 2:13:18 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-14 0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 8:20:00 AM

Lab ID: 2309E40-003

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	9/29/2023 5:29:51 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/29/2023 5:29:51 PM
Surr: DNOP	118	69-147		%Rec	1	9/29/2023 5:29:51 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/2/2023 10:47:00 PM
Surr: BFB	103	15-244		%Rec	1	10/2/2023 10:47:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	10/2/2023 10:47:00 PM
Toluene	ND	0.050		mg/Kg	1	10/2/2023 10:47:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	10/2/2023 10:47:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	10/2/2023 10:47:00 PM
Surr: 4-Bromofluorobenzene	89.6	39.1-146		%Rec	1	10/2/2023 10:47:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	130	60		mg/Kg	20	10/3/2023 2:25:39 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-14 2'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 8:30:00 AM

Lab ID: 2309E40-004

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/29/2023 5:40:36 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/29/2023 5:40:36 PM
Surr: DNOP	113	69-147		%Rec	1	9/29/2023 5:40:36 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/2/2023 11:09:00 PM
Surr: BFB	106	15-244		%Rec	1	10/2/2023 11:09:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	10/2/2023 11:09:00 PM
Toluene	ND	0.049		mg/Kg	1	10/2/2023 11:09:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	10/2/2023 11:09:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	10/2/2023 11:09:00 PM
Surr: 4-Bromofluorobenzene	91.4	39.1-146		%Rec	1	10/2/2023 11:09:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	130	60		mg/Kg	20	10/3/2023 2:38:00 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-14 4'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 11:50:00 AM

Lab ID: 2309E40-005

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/29/2023 5:51:30 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/29/2023 5:51:30 PM
Surr: DNOP	102	69-147		%Rec	1	9/29/2023 5:51:30 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/2/2023 11:31:00 PM
Surr: BFB	102	15-244		%Rec	1	10/2/2023 11:31:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	10/2/2023 11:31:00 PM
Toluene	ND	0.049		mg/Kg	1	10/2/2023 11:31:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	10/2/2023 11:31:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	10/2/2023 11:31:00 PM
Surr: 4-Bromofluorobenzene	93.5	39.1-146		%Rec	1	10/2/2023 11:31:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	390	60		mg/Kg	20	10/3/2023 2:50:20 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-15 0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 8:40:00 AM

Lab ID: 2309E40-006

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	10/3/2023 12:18:10 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/3/2023 12:18:10 PM
Surr: DNOP	99.1	69-147		%Rec	1	10/3/2023 12:18:10 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/2/2023 11:52:00 PM
Surr: BFB	102	15-244		%Rec	1	10/2/2023 11:52:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	10/2/2023 11:52:00 PM
Toluene	ND	0.050		mg/Kg	1	10/2/2023 11:52:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	10/2/2023 11:52:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	10/2/2023 11:52:00 PM
Surr: 4-Bromofluorobenzene	90.6	39.1-146		%Rec	1	10/2/2023 11:52:00 PM
EPA METHOD 300.0: ANIONS						Analyst: KCB
Chloride	2700	150		mg/Kg	50	10/4/2023 8:59:09 AM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-15 2'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 8:50:00 AM

Lab ID: 2309E40-007

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/29/2023 6:13:35 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/29/2023 6:13:35 PM
Surr: DNOP	136	69-147		%Rec	1	9/29/2023 6:13:35 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/3/2023 12:14:00 AM
Surr: BFB	97.9	15-244		%Rec	1	10/3/2023 12:14:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	10/3/2023 12:14:00 AM
Toluene	ND	0.046		mg/Kg	1	10/3/2023 12:14:00 AM
Ethylbenzene	ND	0.046		mg/Kg	1	10/3/2023 12:14:00 AM
Xylenes, Total	ND	0.093		mg/Kg	1	10/3/2023 12:14:00 AM
Surr: 4-Bromofluorobenzene	90.2	39.1-146		%Rec	1	10/3/2023 12:14:00 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	310	60		mg/Kg	20	10/3/2023 3:15:01 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-16 0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 9:00:00 AM

Lab ID: 2309E40-008

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	9/29/2023 6:24:47 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/29/2023 6:24:47 PM
Surr: DNOP	82.8	69-147		%Rec	1	9/29/2023 6:24:47 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/3/2023 12:36:00 AM
Surr: BFB	102	15-244		%Rec	1	10/3/2023 12:36:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	10/3/2023 12:36:00 AM
Toluene	ND	0.047		mg/Kg	1	10/3/2023 12:36:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	10/3/2023 12:36:00 AM
Xylenes, Total	ND	0.095		mg/Kg	1	10/3/2023 12:36:00 AM
Surr: 4-Bromofluorobenzene	89.1	39.1-146		%Rec	1	10/3/2023 12:36:00 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	380	60		mg/Kg	20	10/3/2023 3:52:03 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-16 2'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 9:10:00 AM

Lab ID: 2309E40-009

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/29/2023 6:35:58 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/29/2023 6:35:58 PM
Surr: DNOP	128	69-147		%Rec	1	9/29/2023 6:35:58 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/3/2023 12:57:00 AM
Surr: BFB	99.5	15-244		%Rec	1	10/3/2023 12:57:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	10/3/2023 12:57:00 AM
Toluene	ND	0.049		mg/Kg	1	10/3/2023 12:57:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	10/3/2023 12:57:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	10/3/2023 12:57:00 AM
Surr: 4-Bromofluorobenzene	88.1	39.1-146		%Rec	1	10/3/2023 12:57:00 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	ND	60		mg/Kg	20	10/3/2023 4:04:24 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-17 0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 9:20:00 AM

Lab ID: 2309E40-010

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	9/29/2023 6:47:09 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/29/2023 6:47:09 PM
Surr: DNOP	139	69-147		%Rec	1	9/29/2023 6:47:09 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/3/2023 1:19:00 AM
Surr: BFB	98.5	15-244		%Rec	1	10/3/2023 1:19:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	10/3/2023 1:19:00 AM
Toluene	ND	0.047		mg/Kg	1	10/3/2023 1:19:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	10/3/2023 1:19:00 AM
Xylenes, Total	ND	0.094		mg/Kg	1	10/3/2023 1:19:00 AM
Surr: 4-Bromofluorobenzene	88.6	39.1-146		%Rec	1	10/3/2023 1:19:00 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	ND	60		mg/Kg	20	10/3/2023 4:16:43 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-17 2'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 9:30:00 AM

Lab ID: 2309E40-011

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/2/2023 9:16:36 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/2/2023 9:16:36 PM
Surr: DNOP	95.2	69-147		%Rec	1	10/2/2023 9:16:36 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/30/2023 1:46:00 AM
Surr: BFB	98.5	15-244		%Rec	1	9/30/2023 1:46:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	9/30/2023 1:46:00 AM
Toluene	ND	0.047		mg/Kg	1	9/30/2023 1:46:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	9/30/2023 1:46:00 AM
Xylenes, Total	ND	0.094		mg/Kg	1	9/30/2023 1:46:00 AM
Surr: 4-Bromofluorobenzene	87.9	39.1-146		%Rec	1	9/30/2023 1:46:00 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	ND	60		mg/Kg	20	10/3/2023 4:29:04 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-18 0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 9:40:00 AM

Lab ID: 2309E40-012

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/2/2023 9:50:10 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/2/2023 9:50:10 PM
Surr: DNOP	93.2	69-147		%Rec	1	10/2/2023 9:50:10 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/30/2023 2:51:00 AM
Surr: BFB	98.6	15-244		%Rec	1	9/30/2023 2:51:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	9/30/2023 2:51:00 AM
Toluene	ND	0.048		mg/Kg	1	9/30/2023 2:51:00 AM
Ethylbenzene	ND	0.048		mg/Kg	1	9/30/2023 2:51:00 AM
Xylenes, Total	ND	0.097		mg/Kg	1	9/30/2023 2:51:00 AM
Surr: 4-Bromofluorobenzene	86.0	39.1-146		%Rec	1	9/30/2023 2:51:00 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	730	60		mg/Kg	20	10/3/2023 4:41:26 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-18 2'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 9:50:00 AM

Lab ID: 2309E40-013

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/2/2023 10:12:17 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/2/2023 10:12:17 PM
Surr: DNOP	95.2	69-147		%Rec	1	10/2/2023 10:12:17 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	9/30/2023 3:57:00 AM
Surr: BFB	98.7	15-244		%Rec	1	9/30/2023 3:57:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	9/30/2023 3:57:00 AM
Toluene	ND	0.046		mg/Kg	1	9/30/2023 3:57:00 AM
Ethylbenzene	ND	0.046		mg/Kg	1	9/30/2023 3:57:00 AM
Xylenes, Total	ND	0.093		mg/Kg	1	9/30/2023 3:57:00 AM
Surr: 4-Bromofluorobenzene	88.1	39.1-146		%Rec	1	9/30/2023 3:57:00 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	390	60		mg/Kg	20	10/3/2023 4:53:46 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-20 0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 10:20:00 AM

Lab ID: 2309E40-014

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/2/2023 10:23:27 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/2/2023 10:23:27 PM
Surr: DNOP	108	69-147		%Rec	1	10/2/2023 10:23:27 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	9/30/2023 4:18:00 AM
Surr: BFB	99.8	15-244		%Rec	1	9/30/2023 4:18:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	9/30/2023 4:18:00 AM
Toluene	ND	0.046		mg/Kg	1	9/30/2023 4:18:00 AM
Ethylbenzene	ND	0.046		mg/Kg	1	9/30/2023 4:18:00 AM
Xylenes, Total	ND	0.092		mg/Kg	1	9/30/2023 4:18:00 AM
Surr: 4-Bromofluorobenzene	88.9	39.1-146		%Rec	1	9/30/2023 4:18:00 AM
EPA METHOD 300.0: ANIONS						Analyst: KCB
Chloride	5300	300		mg/Kg	100	10/4/2023 9:11:30 AM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-20 2'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 10:30:00 AM

Lab ID: 2309E40-015

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	10/2/2023 10:34:37 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/2/2023 10:34:37 PM
Surr: DNOP	112	69-147		%Rec	1	10/2/2023 10:34:37 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/2/2023 11:34:00 AM
Surr: BFB	102	15-244		%Rec	1	10/2/2023 11:34:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	10/2/2023 11:34:00 AM
Toluene	ND	0.046		mg/Kg	1	10/2/2023 11:34:00 AM
Ethylbenzene	ND	0.046		mg/Kg	1	10/2/2023 11:34:00 AM
Xylenes, Total	ND	0.093		mg/Kg	1	10/2/2023 11:34:00 AM
Surr: 4-Bromofluorobenzene	90.1	39.1-146		%Rec	1	10/2/2023 11:34:00 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	610	60		mg/Kg	20	10/3/2023 6:44:54 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-21 0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 10:40:00 AM

Lab ID: 2309E40-016

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/2/2023 10:45:44 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/2/2023 10:45:44 PM
Surr: DNOP	91.6	69-147		%Rec	1	10/2/2023 10:45:44 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/2/2023 11:56:00 AM
Surr: BFB	104	15-244		%Rec	1	10/2/2023 11:56:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	10/2/2023 11:56:00 AM
Toluene	ND	0.048		mg/Kg	1	10/2/2023 11:56:00 AM
Ethylbenzene	ND	0.048		mg/Kg	1	10/2/2023 11:56:00 AM
Xylenes, Total	ND	0.097		mg/Kg	1	10/2/2023 11:56:00 AM
Surr: 4-Bromofluorobenzene	91.5	39.1-146		%Rec	1	10/2/2023 11:56:00 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	760	60		mg/Kg	20	10/3/2023 7:21:57 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-22 2'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 10:50:00 AM

Lab ID: 2309E40-017

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/2/2023 10:56:53 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/2/2023 10:56:53 PM
Surr: DNOP	85.6	69-147		%Rec	1	10/2/2023 10:56:53 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/2/2023 12:17:00 PM
Surr: BFB	106	15-244		%Rec	1	10/2/2023 12:17:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	10/2/2023 12:17:00 PM
Toluene	ND	0.046		mg/Kg	1	10/2/2023 12:17:00 PM
Ethylbenzene	ND	0.046		mg/Kg	1	10/2/2023 12:17:00 PM
Xylenes, Total	ND	0.093		mg/Kg	1	10/2/2023 12:17:00 PM
Surr: 4-Bromofluorobenzene	91.5	39.1-146		%Rec	1	10/2/2023 12:17:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	1100	60		mg/Kg	20	10/3/2023 7:34:17 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-23 0-0.5'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 11:00:00 AM

Lab ID: 2309E40-018

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/2/2023 11:07:59 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/2/2023 11:07:59 PM
Surr: DNOP	91.2	69-147		%Rec	1	10/2/2023 11:07:59 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/2/2023 12:39:00 PM
Surr: BFB	101	15-244		%Rec	1	10/2/2023 12:39:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	10/2/2023 12:39:00 PM
Toluene	ND	0.046		mg/Kg	1	10/2/2023 12:39:00 PM
Ethylbenzene	ND	0.046		mg/Kg	1	10/2/2023 12:39:00 PM
Xylenes, Total	ND	0.092		mg/Kg	1	10/2/2023 12:39:00 PM
Surr: 4-Bromofluorobenzene	89.6	39.1-146		%Rec	1	10/2/2023 12:39:00 PM
EPA METHOD 300.0: ANIONS						Analyst: KCB
Chloride	6400	300		mg/Kg	100	10/4/2023 9:23:50 AM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-24 0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 11:10:00 AM

Lab ID: 2309E40-019

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/2/2023 11:19:04 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/2/2023 11:19:04 PM
Surr: DNOP	102	69-147		%Rec	1	10/2/2023 11:19:04 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/2/2023 1:01:00 PM
Surr: BFB	98.1	15-244		%Rec	1	10/2/2023 1:01:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	10/2/2023 1:01:00 PM
Toluene	ND	0.049		mg/Kg	1	10/2/2023 1:01:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	10/2/2023 1:01:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	10/2/2023 1:01:00 PM
Surr: 4-Bromofluorobenzene	88.8	39.1-146		%Rec	1	10/2/2023 1:01:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	950	60		mg/Kg	20	10/3/2023 7:58:59 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-24 1.5'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 11:20:00 AM

Lab ID: 2309E40-020

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/2/2023 11:30:06 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/2/2023 11:30:06 PM
Surr: DNOP	106	69-147		%Rec	1	10/2/2023 11:30:06 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/2/2023 1:22:00 PM
Surr: BFB	101	15-244		%Rec	1	10/2/2023 1:22:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	10/2/2023 1:22:00 PM
Toluene	ND	0.048		mg/Kg	1	10/2/2023 1:22:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	10/2/2023 1:22:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	10/2/2023 1:22:00 PM
Surr: 4-Bromofluorobenzene	86.9	39.1-146		%Rec	1	10/2/2023 1:22:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	570	60		mg/Kg	20	10/3/2023 8:11:20 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-25 0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 11:30:00 AM

Lab ID: 2309E40-021

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	290	9.8		mg/Kg	1	10/2/2023 11:41:09 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/2/2023 11:41:09 PM
Surr: DNOP	108	69-147		%Rec	1	10/2/2023 11:41:09 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/2/2023 1:44:00 PM
Surr: BFB	97.0	15-244		%Rec	1	10/2/2023 1:44:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	10/2/2023 1:44:00 PM
Toluene	ND	0.048		mg/Kg	1	10/2/2023 1:44:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	10/2/2023 1:44:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	10/2/2023 1:44:00 PM
Surr: 4-Bromofluorobenzene	87.0	39.1-146		%Rec	1	10/2/2023 1:44:00 PM
EPA METHOD 300.0: ANIONS						Analyst: KCB
Chloride	2300	150		mg/Kg	50	10/4/2023 9:36:11 AM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-25 1.5'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 11:40:00 AM

Lab ID: 2309E40-022

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/2/2023 11:52:09 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/2/2023 11:52:09 PM
Surr: DNOP	102	69-147		%Rec	1	10/2/2023 11:52:09 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/2/2023 2:06:00 PM
Surr: BFB	99.0	15-244		%Rec	1	10/2/2023 2:06:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	10/2/2023 2:06:00 PM
Toluene	ND	0.048		mg/Kg	1	10/2/2023 2:06:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	10/2/2023 2:06:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	10/2/2023 2:06:00 PM
Surr: 4-Bromofluorobenzene	89.1	39.1-146		%Rec	1	10/2/2023 2:06:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	870	60		mg/Kg	20	10/3/2023 9:00:43 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309E40

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-16 4'

Project: Strawberry 7 Fed Com 9H

Collection Date: 9/22/2023 12:00:00 PM

Lab ID: 2309E40-023

Matrix: SOIL

Received Date: 9/27/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/3/2023 12:03:07 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/3/2023 12:03:07 AM
Surr: DNOP	105	69-147		%Rec	1	10/3/2023 12:03:07 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/2/2023 2:27:00 PM
Surr: BFB	99.0	15-244		%Rec	1	10/2/2023 2:27:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	10/2/2023 2:27:00 PM
Toluene	ND	0.049		mg/Kg	1	10/2/2023 2:27:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	10/2/2023 2:27:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	10/2/2023 2:27:00 PM
Surr: 4-Bromofluorobenzene	88.6	39.1-146		%Rec	1	10/2/2023 2:27:00 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	ND	60		mg/Kg	20	10/3/2023 9:13:04 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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

WO#: 2309E40

11-Oct-23

Client: Vertex Resources Services, Inc.**Project:** Strawberry 7 Fed Com 9H

Sample ID: MB-77892	SampType: mblk		TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 77892		RunNo: 100164							
Prep Date: 10/2/2023	Analysis Date: 10/2/2023		SeqNo: 3665909		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-77892	SampType: lcs		TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 77892		RunNo: 100164							
Prep Date: 10/2/2023	Analysis Date: 10/2/2023		SeqNo: 3665910		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			

Sample ID: MB-77909	SampType: MBLK		TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 77909		RunNo: 100173							
Prep Date: 10/3/2023	Analysis Date: 10/3/2023		SeqNo: 3668066		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-77909	SampType: LCS		TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 77909		RunNo: 100173							
Prep Date: 10/3/2023	Analysis Date: 10/3/2023		SeqNo: 3668067		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.7	90	110			

Sample ID: MB-77920	SampType: MBLK		TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 77920		RunNo: 100173							
Prep Date: 10/3/2023	Analysis Date: 10/3/2023		SeqNo: 3668097		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-77920	SampType: LCS		TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 77920		RunNo: 100173							
Prep Date: 10/3/2023	Analysis Date: 10/3/2023		SeqNo: 3668098		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.1	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Above Quantitation Range/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 standard limits. If undiluted results may be estimated.	

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

WO#: 2309E40

11-Oct-23

Client: Vertex Resources Services, Inc.**Project:** Strawberry 7 Fed Com 9H

Sample ID: LCS-77826	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 77826			RunNo: 100101						
Prep Date: 9/28/2023	Analysis Date: 9/29/2023			SeqNo: 3663248			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	59	10	50.00	0	117	61.9	130			
Surr: DNOP	5.8		5.000		116	69	147			

Sample ID: MB-77826	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 77826			RunNo: 100101						
Prep Date: 9/28/2023	Analysis Date: 9/29/2023			SeqNo: 3663250			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	13		10.00		127	69	147			

Sample ID: 2309E40-011AMS	SampType: MS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: BH23-17 2'	Batch ID: 77850			RunNo: 100132						
Prep Date: 9/29/2023	Analysis Date: 10/2/2023			SeqNo: 3665710			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	54	9.6	47.94	0	112	54.2	135			
Surr: DNOP	4.9		4.794		101	69	147			

Sample ID: 2309E40-011AMSD	SampType: MSD			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: BH23-17 2'	Batch ID: 77850			RunNo: 100132						
Prep Date: 9/29/2023	Analysis Date: 10/2/2023			SeqNo: 3665711			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	9.6	47.80	0	107	54.2	135	4.72	29.2	
Surr: DNOP	4.7		4.780		98.5	69	147	0	0	

Sample ID: LCS-77850	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 77850			RunNo: 100132						
Prep Date: 9/29/2023	Analysis Date: 10/2/2023			SeqNo: 3665776			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	103	61.9	130			
Surr: DNOP	5.0		5.000		99.6	69	147			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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

WO#: 2309E40

11-Oct-23

Client: Vertex Resources Services, Inc.**Project:** Strawberry 7 Fed Com 9H

Sample ID: MB-77850	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 77850		RunNo: 100132							
Prep Date: 9/29/2023	Analysis Date: 10/2/2023		SeqNo: 3665779		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

9.5

10.00

95.1

69

147

Sample ID: LCS-77903	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 77903		RunNo: 100166							
Prep Date: 10/3/2023	Analysis Date: 10/3/2023		SeqNo: 3665964		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)

48

10

50.00

0

96.1

61.9

130

Surr: DNOP

4.7

5.000

93.7

69

147

Sample ID: MB-77903	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 77903		RunNo: 100166							
Prep Date: 10/3/2023	Analysis Date: 10/3/2023		SeqNo: 3665965		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

9.4

10.00

94.4

69

147

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/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#: 2309E40

11-Oct-23

Client: Vertex Resources Services, Inc.**Project:** Strawberry 7 Fed Com 9H

Sample ID: ics-77830	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 77830			RunNo: 100117						
Prep Date: 9/28/2023	Analysis Date: 9/30/2023			SeqNo: 3663884		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	70	130			
Surr: BFB	2200		1000		219	15	244			

Sample ID: mb-77830	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 77830			RunNo: 100117						
Prep Date: 9/28/2023	Analysis Date: 9/30/2023			SeqNo: 3663885		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	980		1000		98.2	15	244			

Sample ID: 2309E40-011ams	SampType: MS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: BH23-17 2'	Batch ID: 77830			RunNo: 100117						
Prep Date: 9/28/2023	Analysis Date: 9/30/2023			SeqNo: 3663887		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.7	23.67	0	100	70	130			
Surr: BFB	2100		947.0		227	15	244			

Sample ID: 2309E40-011amsd	SampType: MSD			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: BH23-17 2'	Batch ID: 77830			RunNo: 100117						
Prep Date: 9/28/2023	Analysis Date: 9/30/2023			SeqNo: 3663888		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	4.7	23.72	0	113	70	130	12.5	20	
Surr: BFB	2200		948.8		229	15	244	0	0	

Sample ID: ics-77804	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 77804			RunNo: 100146						
Prep Date: 9/27/2023	Analysis Date: 10/2/2023			SeqNo: 3665089		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	84.4	70	130			
Surr: BFB	2100		1000		212	15	244			

Sample ID: mb-77804	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 77804			RunNo: 100146						
Prep Date: 9/27/2023	Analysis Date: 10/2/2023			SeqNo: 3665090		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2309E40

11-Oct-23

Client: Vertex Resources Services, Inc.

Project: Strawberry 7 Fed Com 9H

Sample ID: mb-77804	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 77804	RunNo: 100146								
Prep Date: 9/27/2023	Analysis Date: 10/2/2023	SeqNo: 3665090		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	15	244			

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 standard limits. If undiluted results may be estimated.

B

Analyte detected in the associated Method Blank

E

Above Quantitation Range/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#: 2309E40

11-Oct-23

Client: Vertex Resources Services, Inc.**Project:** Strawberry 7 Fed Com 9H

Sample ID: ics-77830	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 77830		RunNo: 100117							
Prep Date: 9/28/2023	Analysis Date: 9/30/2023		SeqNo: 3663839		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	84.4	70	130			
Toluene	0.86	0.050	1.000	0	86.4	70	130			
Ethylbenzene	0.88	0.050	1.000	0	88.4	70	130			
Xylenes, Total	2.6	0.10	3.000	0	88.3	70	130			
Surr: 4-Bromofluorobenzene	0.89		1.000		88.8	39.1	146			

Sample ID: mb-77830	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 77830		RunNo: 100117							
Prep Date: 9/28/2023	Analysis Date: 9/30/2023		SeqNo: 3663840		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	39.1	146			

Sample ID: 2309E40-012ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: BH23-18 0'	Batch ID: 77830		RunNo: 100117							
Prep Date: 9/28/2023	Analysis Date: 9/30/2023		SeqNo: 3663843		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.80	0.024	0.9615	0	83.7	70	130			
Toluene	0.83	0.048	0.9615	0	86.4	70	130			
Ethylbenzene	0.86	0.048	0.9615	0	89.1	70	130			
Xylenes, Total	2.6	0.096	2.885	0	89.5	70	130			
Surr: 4-Bromofluorobenzene	0.85		0.9615		88.7	39.1	146			

Sample ID: 2309E40-012amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: BH23-18 0'	Batch ID: 77830		RunNo: 100117							
Prep Date: 9/28/2023	Analysis Date: 9/30/2023		SeqNo: 3663844		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.024	0.9662	0	86.5	70	130	3.81	20	
Toluene	0.86	0.048	0.9662	0	88.8	70	130	3.16	20	
Ethylbenzene	0.89	0.048	0.9662	0	92.3	70	130	3.98	20	
Xylenes, Total	2.7	0.097	2.899	0	92.2	70	130	3.49	20	
Surr: 4-Bromofluorobenzene	0.86		0.9662		89.5	39.1	146	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2309E40

11-Oct-23

Client: Vertex Resources Services, Inc.**Project:** Strawberry 7 Fed Com 9H

Sample ID: lcs-77804	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 77804			RunNo: 100146						
Prep Date: 9/27/2023	Analysis Date: 10/2/2023			SeqNo: 3665053		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	1.000	0	84.7	70	130			
Toluene	0.87	0.050	1.000	0	86.6	70	130			
Ethylbenzene	0.89	0.050	1.000	0	88.9	70	130			
Xylenes, Total	2.7	0.10	3.000	0	88.7	70	130			
Surr: 4-Bromofluorobenzene	0.90		1.000		89.6	39.1	146			

Sample ID: mb-77804	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 77804			RunNo: 100146						
Prep Date: 9/27/2023	Analysis Date: 10/2/2023			SeqNo: 3665054		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	0.90		1.000		89.7	39.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		



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: 2309E40

RcptNo: 1

Received By: Juan Rojas

9/27/2023 7:45:00 AM

Completed By: Cheyenne Cason

9/27/2023 9:17:00 AM

Reviewed By: *JC 9-27-23*

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 $>0^{\circ}\text{C}$ 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: *mc 9/27/23*

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.3	Good	Not Present	Yogi		

Chain-of-Custody Record

Client: Vertex (Devon)

Mailing Address: On file

Phone #:

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: Strawberry 7 Fed Com 9H

Project #: 23E-04452

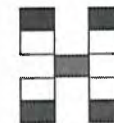
Project Manager: Kent Stallings

Sampler: Austin Harris

On Ice: ☐ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 4.3-4.4 = 4.3 (°C)



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 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
9/22/23	8:00	Soil	BH23-13 0'	One jar	Ice	001	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	8:10		BH23-13 2'			002	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	8:20		BH23-14 0'			003	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	8:30		BH23-14 2'			004	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	11:50		BH23-14 4'			005	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	8:40		BH23-15 0'			006	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	8:50		BH23-15 2'			007	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	9:00		BH23-16 0'			008	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	9:10		BH23-16 2'			009	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	9:20		BH23-17 0'			010	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	9:30		BH23-17 2'			011	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	9:40	✓	BH23-18 0'	✓	✓	012	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Date: Time: Relinquished by: Received by: Via: Date Time

9/26/23 9:00 AM [Signature] 9/26/23 8:30 AM

Date: Time: Relinquished by: Received by: Via: Date Time

9/26/23 9:00 AM [Signature] 9/27/23 7:45 AM

Remarks: CC to aharris@vertex.ca, KStallings@vertex.ca



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

October 18, 2023

Kent Stallings

Devon Energy

6488 Seven Rivers Highway

Artesia, NM 88210

TEL: (505) 350-1336

FAX:

RE: Strawberry 7 Fed Com 9 H

OrderNo.: 2310438

Dear Kent Stallings:

Hall Environmental Analysis Laboratory received 14 sample(s) on 10/10/2023 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", is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2310438

Date Reported: 10/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-26 0'

Project: Strawberry 7 Fed Com 9 H

Collection Date: 10/5/2023 12:10:00 PM

Lab ID: 2310438-001

Matrix: SOIL

Received Date: 10/10/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	10/13/2023 8:27:02 AM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	10/13/2023 8:27:02 AM
Surr: DNOP	76.4	69-147		%Rec	1	10/13/2023 8:27:02 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/12/2023 10:55:49 PM
Surr: BFB	94.3	15-244		%Rec	1	10/12/2023 10:55:49 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	10/12/2023 10:55:49 PM
Toluene	ND	0.048		mg/Kg	1	10/12/2023 10:55:49 PM
Ethylbenzene	ND	0.048		mg/Kg	1	10/12/2023 10:55:49 PM
Xylenes, Total	ND	0.097		mg/Kg	1	10/12/2023 10:55:49 PM
Surr: 4-Bromofluorobenzene	101	39.1-146		%Rec	1	10/12/2023 10:55:49 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	170	60		mg/Kg	20	10/16/2023 2:40:37 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310438

Date Reported: 10/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-26 2'

Project: Strawberry 7 Fed Com 9 H

Collection Date: 10/5/2023 1:53:00 PM

Lab ID: 2310438-002

Matrix: SOIL

Received Date: 10/10/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/13/2023 8:37:24 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/13/2023 8:37:24 AM
Surr: DNOP	102	69-147		%Rec	1	10/13/2023 8:37:24 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/13/2023 12:06:35 AM
Surr: BFB	95.9	15-244		%Rec	1	10/13/2023 12:06:35 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	10/13/2023 12:06:35 AM
Toluene	ND	0.049		mg/Kg	1	10/13/2023 12:06:35 AM
Ethylbenzene	ND	0.049		mg/Kg	1	10/13/2023 12:06:35 AM
Xylenes, Total	ND	0.099		mg/Kg	1	10/13/2023 12:06:35 AM
Surr: 4-Bromofluorobenzene	102	39.1-146		%Rec	1	10/13/2023 12:06:35 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	140	60		mg/Kg	20	10/16/2023 2:53:02 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310438

Date Reported: 10/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-27 0'

Project: Strawberry 7 Fed Com 9 H

Collection Date: 10/5/2023 12:06:00 PM

Lab ID: 2310438-003

Matrix: SOIL

Received Date: 10/10/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	10/13/2023 8:47:48 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/13/2023 8:47:48 AM
Surr: DNOP	97.2	69-147		%Rec	1	10/13/2023 8:47:48 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/13/2023 1:17:14 AM
Surr: BFB	95.4	15-244		%Rec	1	10/13/2023 1:17:14 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	10/13/2023 1:17:14 AM
Toluene	ND	0.048		mg/Kg	1	10/13/2023 1:17:14 AM
Ethylbenzene	ND	0.048		mg/Kg	1	10/13/2023 1:17:14 AM
Xylenes, Total	ND	0.096		mg/Kg	1	10/13/2023 1:17:14 AM
Surr: 4-Bromofluorobenzene	102	39.1-146		%Rec	1	10/13/2023 1:17:14 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	240	60		mg/Kg	20	10/16/2023 3:05:27 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310438

Date Reported: 10/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-27 2'

Project: Strawberry 7 Fed Com 9 H

Collection Date: 10/5/2023 1:25:00 PM

Lab ID: 2310438-004

Matrix: SOIL

Received Date: 10/10/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/13/2023 8:58:13 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/13/2023 8:58:13 AM
Surr: DNOP	110	69-147		%Rec	1	10/13/2023 8:58:13 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/13/2023 1:40:45 AM
Surr: BFB	95.9	15-244		%Rec	1	10/13/2023 1:40:45 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	10/13/2023 1:40:45 AM
Toluene	ND	0.048		mg/Kg	1	10/13/2023 1:40:45 AM
Ethylbenzene	ND	0.048		mg/Kg	1	10/13/2023 1:40:45 AM
Xylenes, Total	ND	0.097		mg/Kg	1	10/13/2023 1:40:45 AM
Surr: 4-Bromofluorobenzene	102	39.1-146		%Rec	1	10/13/2023 1:40:45 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	400	60		mg/Kg	20	10/16/2023 3:17:52 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310438

Date Reported: 10/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-28 0'

Project: Strawberry 7 Fed Com 9 H

Collection Date: 10/5/2023 12:21:00 PM

Lab ID: 2310438-005

Matrix: SOIL

Received Date: 10/10/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	9.8	8.9		mg/Kg	1	10/13/2023 9:08:39 AM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	10/13/2023 9:08:39 AM
Surr: DNOP	79.9	69-147		%Rec	1	10/13/2023 9:08:39 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/13/2023 2:04:16 AM
Surr: BFB	92.5	15-244		%Rec	1	10/13/2023 2:04:16 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	10/13/2023 2:04:16 AM
Toluene	ND	0.048		mg/Kg	1	10/13/2023 2:04:16 AM
Ethylbenzene	ND	0.048		mg/Kg	1	10/13/2023 2:04:16 AM
Xylenes, Total	ND	0.096		mg/Kg	1	10/13/2023 2:04:16 AM
Surr: 4-Bromofluorobenzene	99.2	39.1-146		%Rec	1	10/13/2023 2:04:16 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	650	60		mg/Kg	20	10/16/2023 3:30:16 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310438

Date Reported: 10/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-28 2'

Project: Strawberry 7 Fed Com 9 H

Collection Date: 10/5/2023 1:01:00 PM

Lab ID: 2310438-006

Matrix: SOIL

Received Date: 10/10/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/13/2023 9:19:06 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/13/2023 9:19:06 AM
Surr: DNOP	83.6	69-147		%Rec	1	10/13/2023 9:19:06 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/13/2023 2:27:47 AM
Surr: BFB	94.2	15-244		%Rec	1	10/13/2023 2:27:47 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	10/13/2023 2:27:47 AM
Toluene	ND	0.047		mg/Kg	1	10/13/2023 2:27:47 AM
Ethylbenzene	ND	0.047		mg/Kg	1	10/13/2023 2:27:47 AM
Xylenes, Total	ND	0.094		mg/Kg	1	10/13/2023 2:27:47 AM
Surr: 4-Bromofluorobenzene	102	39.1-146		%Rec	1	10/13/2023 2:27:47 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	230	60		mg/Kg	20	10/16/2023 3:42:41 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310438

Date Reported: 10/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-29 0'

Project: Strawberry 7 Fed Com 9 H

Collection Date: 10/6/2023 10:19:00 AM

Lab ID: 2310438-007

Matrix: SOIL

Received Date: 10/10/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	4500	88		mg/Kg	10	10/13/2023 1:06:58 PM
Motor Oil Range Organics (MRO)	ND	440	D	mg/Kg	10	10/13/2023 1:06:58 PM
Surr: DNOP	0	69-147	S	%Rec	10	10/13/2023 1:06:58 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/13/2023 2:51:19 AM
Surr: BFB	89.0	15-244		%Rec	1	10/13/2023 2:51:19 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	10/13/2023 2:51:19 AM
Toluene	ND	0.049		mg/Kg	1	10/13/2023 2:51:19 AM
Ethylbenzene	ND	0.049		mg/Kg	1	10/13/2023 2:51:19 AM
Xylenes, Total	ND	0.098		mg/Kg	1	10/13/2023 2:51:19 AM
Surr: 4-Bromofluorobenzene	96.0	39.1-146		%Rec	1	10/13/2023 2:51:19 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	600	60		mg/Kg	20	10/16/2023 3:55:05 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310438

Date Reported: 10/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-29 2'

Project: Strawberry 7 Fed Com 9 H

Collection Date: 10/6/2023 12:09:00 PM

Lab ID: 2310438-008

Matrix: SOIL

Received Date: 10/10/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	23	9.3		mg/Kg	1	10/13/2023 9:40:05 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/13/2023 9:40:05 AM
Surr: DNOP	75.5	69-147		%Rec	1	10/13/2023 9:40:05 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/13/2023 3:14:48 AM
Surr: BFB	94.0	15-244		%Rec	1	10/13/2023 3:14:48 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	10/13/2023 3:14:48 AM
Toluene	ND	0.050		mg/Kg	1	10/13/2023 3:14:48 AM
Ethylbenzene	ND	0.050		mg/Kg	1	10/13/2023 3:14:48 AM
Xylenes, Total	ND	0.099		mg/Kg	1	10/13/2023 3:14:48 AM
Surr: 4-Bromofluorobenzene	103	39.1-146		%Rec	1	10/13/2023 3:14:48 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	220	60		mg/Kg	20	10/16/2023 4:07:29 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310438

Date Reported: 10/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-30 0'

Project: Strawberry 7 Fed Com 9 H

Collection Date: 10/6/2023 10:28:00 AM

Lab ID: 2310438-009

Matrix: SOIL

Received Date: 10/10/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	10/13/2023 9:50:38 AM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	10/13/2023 9:50:38 AM
Surr: DNOP	78.6	69-147		%Rec	1	10/13/2023 9:50:38 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/13/2023 3:38:14 AM
Surr: BFB	90.8	15-244		%Rec	1	10/13/2023 3:38:14 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	10/13/2023 3:38:14 AM
Toluene	ND	0.048		mg/Kg	1	10/13/2023 3:38:14 AM
Ethylbenzene	ND	0.048		mg/Kg	1	10/13/2023 3:38:14 AM
Xylenes, Total	ND	0.096		mg/Kg	1	10/13/2023 3:38:14 AM
Surr: 4-Bromofluorobenzene	97.9	39.1-146		%Rec	1	10/13/2023 3:38:14 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	9100	300		mg/Kg	100	10/16/2023 4:19:54 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310438

Date Reported: 10/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-30 2'

Project: Strawberry 7 Fed Com 9 H

Collection Date: 10/6/2023 12:36:00 PM

Lab ID: 2310438-010

Matrix: SOIL

Received Date: 10/10/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	10/13/2023 10:11:42 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/13/2023 10:11:42 AM
Surr: DNOP	92.6	69-147		%Rec	1	10/13/2023 10:11:42 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/13/2023 4:01:43 AM
Surr: BFB	91.9	15-244		%Rec	1	10/13/2023 4:01:43 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	10/13/2023 4:01:43 AM
Toluene	ND	0.047		mg/Kg	1	10/13/2023 4:01:43 AM
Ethylbenzene	ND	0.047		mg/Kg	1	10/13/2023 4:01:43 AM
Xylenes, Total	ND	0.094		mg/Kg	1	10/13/2023 4:01:43 AM
Surr: 4-Bromofluorobenzene	99.1	39.1-146		%Rec	1	10/13/2023 4:01:43 AM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	3400	150		mg/Kg	50	10/16/2023 4:32:19 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310438

Date Reported: 10/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-31 0'

Project: Strawberry 7 Fed Com 9 H

Collection Date: 10/6/2023 10:37:00 AM

Lab ID: 2310438-011

Matrix: SOIL

Received Date: 10/10/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/13/2023 10:22:18 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/13/2023 10:22:18 AM
Surr: DNOP	80.3	69-147		%Rec	1	10/13/2023 10:22:18 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/13/2023 4:47:20 PM
Surr: BFB	92.8	15-244		%Rec	1	10/13/2023 4:47:20 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	10/13/2023 4:47:20 PM
Toluene	ND	0.047		mg/Kg	1	10/13/2023 4:47:20 PM
Ethylbenzene	ND	0.047		mg/Kg	1	10/13/2023 4:47:20 PM
Xylenes, Total	ND	0.094		mg/Kg	1	10/13/2023 4:47:20 PM
Surr: 4-Bromofluorobenzene	101	39.1-146		%Rec	1	10/13/2023 4:47:20 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	2200	150		mg/Kg	50	10/16/2023 5:09:33 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310438

Date Reported: 10/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-31 2'

Project: Strawberry 7 Fed Com 9 H

Collection Date: 10/6/2023 12:42:00 PM

Lab ID: 2310438-012

Matrix: SOIL

Received Date: 10/10/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	10/13/2023 1:17:40 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	10/13/2023 1:17:40 PM
Surr: DNOP	108	69-147		%Rec	1	10/13/2023 1:17:40 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/13/2023 5:10:46 PM
Surr: BFB	94.8	15-244		%Rec	1	10/13/2023 5:10:46 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	10/13/2023 5:10:46 PM
Toluene	ND	0.050		mg/Kg	1	10/13/2023 5:10:46 PM
Ethylbenzene	ND	0.050		mg/Kg	1	10/13/2023 5:10:46 PM
Xylenes, Total	ND	0.099		mg/Kg	1	10/13/2023 5:10:46 PM
Surr: 4-Bromofluorobenzene	104	39.1-146		%Rec	1	10/13/2023 5:10:46 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	700	60		mg/Kg	20	10/16/2023 5:21:58 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310438

Date Reported: 10/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-32 0'

Project: Strawberry 7 Fed Com 9 H

Collection Date: 10/6/2023 10:51:00 AM

Lab ID: 2310438-013

Matrix: SOIL

Received Date: 10/10/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	10/13/2023 1:28:23 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	10/13/2023 1:28:23 PM
Surr: DNOP	89.3	69-147		%Rec	1	10/13/2023 1:28:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/13/2023 5:34:10 PM
Surr: BFB	93.4	15-244		%Rec	1	10/13/2023 5:34:10 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	10/13/2023 5:34:10 PM
Toluene	ND	0.047		mg/Kg	1	10/13/2023 5:34:10 PM
Ethylbenzene	ND	0.047		mg/Kg	1	10/13/2023 5:34:10 PM
Xylenes, Total	ND	0.094		mg/Kg	1	10/13/2023 5:34:10 PM
Surr: 4-Bromofluorobenzene	102	39.1-146		%Rec	1	10/13/2023 5:34:10 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	2100	60		mg/Kg	20	10/16/2023 5:34:23 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310438

Date Reported: 10/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-32 2'

Project: Strawberry 7 Fed Com 9 H

Collection Date: 10/6/2023 1:18:00 PM

Lab ID: 2310438-014

Matrix: SOIL

Received Date: 10/10/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/16/2023 11:40:05 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/16/2023 11:40:05 AM
Surr: DNOP	116	69-147		%Rec	1	10/16/2023 11:40:05 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/13/2023 5:57:32 PM
Surr: BFB	95.0	15-244		%Rec	1	10/13/2023 5:57:32 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	10/13/2023 5:57:32 PM
Toluene	ND	0.049		mg/Kg	1	10/13/2023 5:57:32 PM
Ethylbenzene	ND	0.049		mg/Kg	1	10/13/2023 5:57:32 PM
Xylenes, Total	ND	0.098		mg/Kg	1	10/13/2023 5:57:32 PM
Surr: 4-Bromofluorobenzene	104	39.1-146		%Rec	1	10/13/2023 5:57:32 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	670	60		mg/Kg	20	10/16/2023 5:46:47 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2310438
18-Oct-23

Client: Devon Energy
Project: Strawberry 7 Fed Com 9 H

Sample ID: MB-78159		SampType: MBLK		TestCode: EPA Method 300.0: Anions						
Client ID: PBS	Batch ID: 78159			RunNo: 100474						
Prep Date: 10/14/2023	Analysis Date: 10/14/2023			SeqNo: 3681493		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-78159		SampType: LCS		TestCode: EPA Method 300.0: Anions						
Client ID: LCSS	Batch ID: 78159			RunNo: 100474						
Prep Date: 10/14/2023	Analysis Date: 10/14/2023			SeqNo: 3681494		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.4	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 standard limits. If undiluted results may be estimated.

B

Analyte detected in the associated Method Blank

E

Above Quantitation Range/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#: 2310438

18-Oct-23

Client: Devon Energy

Project: Strawberry 7 Fed Com 9 H

Sample ID: LCS-78135	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 78135	RunNo: 100445								
Prep Date: 10/12/2023	Analysis Date: 10/13/2023	SeqNo: 3679970	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.8	61.9	130			
Surr: DNOP	4.4		5.000		88.8	69	147			

Sample ID: MB-78135	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 78135	RunNo: 100445								
Prep Date: 10/12/2023	Analysis Date: 10/13/2023	SeqNo: 3679971	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	9.4		10.00		94.1	69	147			

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 standard limits. If undiluted results may be estimated.

B

Analyte detected in the associated Method Blank

E

Above Quantitation Range/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#: 2310438

18-Oct-23

Client: Devon Energy**Project:** Strawberry 7 Fed Com 9 H

Sample ID: ics-78087	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 78087		RunNo: 100410							
Prep Date: 10/11/2023	Analysis Date: 10/12/2023		SeqNo: 3679121		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	96.3	70	130			
Surr: BFB	2000		1000		199	15	244			

Sample ID: mb-78087	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 78087		RunNo: 100410							
Prep Date: 10/11/2023	Analysis Date: 10/12/2023		SeqNo: 3679122		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		94.3	15	244			

Sample ID: 2310438-001ams	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: BH23-26 0'	Batch ID: 78087		RunNo: 100410							
Prep Date: 10/11/2023	Analysis Date: 10/12/2023		SeqNo: 3679131		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	4.8	24.25	0	106	70	130			
Surr: BFB	2000		969.9		210	15	244			

Sample ID: 2310438-001amsd	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: BH23-26 0'	Batch ID: 78087		RunNo: 100410							
Prep Date: 10/11/2023	Analysis Date: 10/12/2023		SeqNo: 3679132		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.8	24.18	0	102	70	130	3.63	20	
Surr: BFB	2000		967.1		206	15	244	0	0	

Sample ID: ics-78113	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 78113		RunNo: 100442							
Prep Date: 10/12/2023	Analysis Date: 10/13/2023		SeqNo: 3679822		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	2000		1000		201	15	244			

Sample ID: mb-78113	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 78113		RunNo: 100442							
Prep Date: 10/12/2023	Analysis Date: 10/13/2023		SeqNo: 3679823		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	940		1000		93.8	15	244			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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

WO#: 2310438

18-Oct-23

Client: Devon Energy**Project:** Strawberry 7 Fed Com 9 H

Sample ID: LCS-78087	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 78087		RunNo: 100410							
Prep Date: 10/11/2023	Analysis Date: 10/12/2023		SeqNo: 3679144		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	96.7	70	130			
Toluene	0.98	0.050	1.000	0	97.6	70	130			
Ethylbenzene	0.99	0.050	1.000	0	99.1	70	130			
Xylenes, Total	3.0	0.10	3.000	0	99.4	70	130			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	39.1	146			

Sample ID: mb-78087	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 78087		RunNo: 100410							
Prep Date: 10/11/2023	Analysis Date: 10/12/2023		SeqNo: 3679145		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	1.0		1.000		100	39.1	146			

Sample ID: 2310438-002ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: BH23-26 2'	Batch ID: 78087		RunNo: 100410							
Prep Date: 10/11/2023	Analysis Date: 10/13/2023		SeqNo: 3679155		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9823	0	103	70	130			
Toluene	1.0	0.049	0.9823	0	105	70	130			
Ethylbenzene	1.0	0.049	0.9823	0	106	70	130			
Xylenes, Total	3.1	0.098	2.947	0	106	70	130			
Surr: 4-Bromofluorobenzene	1.0		0.9823		102	39.1	146			

Sample ID: 2310438-002amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: BH23-26 2'	Batch ID: 78087		RunNo: 100410							
Prep Date: 10/11/2023	Analysis Date: 10/13/2023		SeqNo: 3679156		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9852	0	104	70	130	1.02	20	
Toluene	1.0	0.049	0.9852	0	105	70	130	1.12	20	
Ethylbenzene	1.0	0.049	0.9852	0	106	70	130	0.794	20	
Xylenes, Total	3.2	0.099	2.956	0	107	70	130	1.54	20	
Surr: 4-Bromofluorobenzene	1.0		0.9852		103	39.1	146	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2310438

18-Oct-23

Client: Devon Energy

Project: Strawberry 7 Fed Com 9 H

Sample ID: LCS-78113	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 78113			RunNo: 100442						
Prep Date: 10/12/2023	Analysis Date: 10/13/2023			SeqNo: 3679825		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		108	39.1	146			

Sample ID: mb-78113	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 78113			RunNo: 100442						
Prep Date: 10/12/2023	Analysis Date: 10/13/2023			SeqNo: 3679826		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		102	39.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		



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: 2310438

RcptNo: 1

Received By: Tracy Casarrubias 10/10/2023 7:45:00 AM

Completed By: Tracy Casarrubias 10/10/2023 9:37:53 AM

Reviewed By: SCM 10/10/23

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 $>0^{\circ}\text{C}$ 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: TMC 10/10/23

Special Handling (if applicable)

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

Person Notified:

Enn C.

Date: 10/10/23

By Whom:

Tracy C.

Via: ☐ eMail ☒ Phone ☐ Fax ☐ In Person

Regarding:

Sample name discrepancy.

Client Instructions:

Mailing address, phone number, and Email/Fax are missing on COC- TMC 10/10/23

16. Additional remarks:

Going with COC per Enn C. - TMC 10/10/23

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.4	Good	Yes	Morty		

Chain-of-Custody Record

Client: Devon UrtexMailing Address: on filePhone #: on file

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:

Strawberry 7 fed com 94

Project #:

23E-04452

Project Manager:

Kent Stallings

Sampler:

On Ice:

of Coolers:

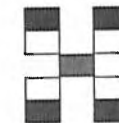
Cooler Temp (including CF): 34-0-34 (°C)

Container Type and #

Preservative Type

HEAL No.

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
10.05.23	12:10	Soil	BH23-26 0'	4oz	ice	001
	13:53		BH23-26 2'			002
	12:06		BH23-27 0'			003
	13:25		BH23-27 2'			004
	12:21		BH23-28 0'			005
✓	13:01	✓	BH23-28 2'			006
10.06.23	10:19		BH23-29 0'			007
	12:09		BH23-29 2'			008
	10:28		BH23-30 0'			009
	12:36		BH23-30 2'			010
	10:37		BH23-31 0'			011
	12:42	✓	BH23-31 2'	✓		012

Date: 10.06.23 Time: 17:56 Relinquished by: Leusavan CostelloDate: 10/9/23 Time: 11:00 Relinquished by: Leusavan CostelloReceived by: Leusavan Costello Via: Leusavan Costello Date: 10/9/23 Time: 10:30Received by: Leusavan Costello Via: Leusavan Costello Date: 10/10/23 Time: 7:45

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

BTX / MTBE / TMB's (8021)	TCN 8015D (GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	CS F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)										
✓	✓					✓													

Remarks:

Work order: 2119 8813

Chain-of-Custody Record

Client: Vertex 1 Devon

Mailing Address: on file

Phone #: on file

email or Fax#: on file

QA/QC Package:

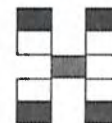
☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:	
☒ Standard	☒ Rush 5 Day
Project Name: Strawberry 7ped Com 9H	
Project #:	
23E-04452	
Project Manager:	
Kent Stallings	
Sampler: Hewaman Costa Jile	
On Ice:	☒ Yes ☐ No <i>marty</i>
# of Coolers: 1	
Cooler Temp (including CF): 3.4 - 0 = 3.4 (°C)	



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	Cooler Temp (including CF): 3.4-0:3.4 (°C)		HEAL No.	BTX / MTX	TPH: 8015D	8081 Pestic	EDB (Metho	PAHs by 83	RCRA 8 Me	Cd, F, Br, N	8260 (VOA)	8270 (Semi-	Total Colifor
				Container Type and #	Preservative Type											
10-06-23	10:51	Soil	BH23-32 0'	4cc	Ice	013										
	13:18	Soil	BH23-32 2'	↓	↓	014										
[Large X mark across the table]																
Date:	Time:	Relinquished by:		Received by:		Via:	Date	Time	Remarks: work order 2119 8813 cc: Suncorly. @ ventex.ca							
10/6/23	6:00	Lauravan Costello		Cunningham			10/9/23	1030								
Date:	Time:	Relinquished by:		Received by:		Via:	Date	Time								
10/11/23	1900	Cunningham		[Signature]			10/10/23	7:45								



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

October 24, 2023

Kent Stallings

Vertex Resources Services, Inc.

3101 Boyd Drive

Carlsbad, NM 88220

TEL:

FAX:

RE: Strawberry 7 Fed Com 9H

OrderNo.: 2310925

Dear Kent Stallings:

Hall Environmental Analysis Laboratory received 6 sample(s) on 10/19/2023 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", is written over a light blue horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2310925

Date Reported: 10/24/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-33 0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 10/17/2023 12:10:00 PM

Lab ID: 2310925-001

Matrix: SOIL

Received Date: 10/19/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/20/2023 10:27:50 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/20/2023 10:27:50 PM
Surr: DNOP	126	69-147		%Rec	1	10/20/2023 10:27:50 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/21/2023 3:12:19 AM
Surr: BFB	95.9	15-244		%Rec	1	10/21/2023 3:12:19 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	10/21/2023 3:12:19 AM
Toluene	ND	0.048		mg/Kg	1	10/21/2023 3:12:19 AM
Ethylbenzene	ND	0.048		mg/Kg	1	10/21/2023 3:12:19 AM
Xylenes, Total	ND	0.095		mg/Kg	1	10/21/2023 3:12:19 AM
Surr: 4-Bromofluorobenzene	102	39.1-146		%Rec	1	10/21/2023 3:12:19 AM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	100	60		mg/Kg	20	10/20/2023 3:43:01 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310925

Date Reported: 10/24/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-33 2'

Project: Strawberry 7 Fed Com 9H

Collection Date: 10/17/2023 12:22:00 PM

Lab ID: 2310925-002

Matrix: SOIL

Received Date: 10/19/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	10/20/2023 10:38:43 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/20/2023 10:38:43 PM
Surr: DNOP	102	69-147		%Rec	1	10/20/2023 10:38:43 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/21/2023 3:35:56 AM
Surr: BFB	94.6	15-244		%Rec	1	10/21/2023 3:35:56 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	10/21/2023 3:35:56 AM
Toluene	ND	0.048		mg/Kg	1	10/21/2023 3:35:56 AM
Ethylbenzene	ND	0.048		mg/Kg	1	10/21/2023 3:35:56 AM
Xylenes, Total	ND	0.096		mg/Kg	1	10/21/2023 3:35:56 AM
Surr: 4-Bromofluorobenzene	99.3	39.1-146		%Rec	1	10/21/2023 3:35:56 AM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	130	60		mg/Kg	20	10/20/2023 3:55:26 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310925

Date Reported: 10/24/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-34 0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 10/17/2023 11:33:00 AM

Lab ID: 2310925-003

Matrix: SOIL

Received Date: 10/19/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/20/2023 10:49:36 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2023 10:49:36 PM
Surr: DNOP	113	69-147		%Rec	1	10/20/2023 10:49:36 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/21/2023 3:59:30 AM
Surr: BFB	98.2	15-244		%Rec	1	10/21/2023 3:59:30 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	10/21/2023 3:59:30 AM
Toluene	ND	0.047		mg/Kg	1	10/21/2023 3:59:30 AM
Ethylbenzene	ND	0.047		mg/Kg	1	10/21/2023 3:59:30 AM
Xylenes, Total	ND	0.095		mg/Kg	1	10/21/2023 3:59:30 AM
Surr: 4-Bromofluorobenzene	103	39.1-146		%Rec	1	10/21/2023 3:59:30 AM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	ND	60		mg/Kg	20	10/20/2023 4:32:41 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310925

Date Reported: 10/24/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-34 2'

Project: Strawberry 7 Fed Com 9H

Collection Date: 10/17/2023 11:46:00 AM

Lab ID: 2310925-004

Matrix: SOIL

Received Date: 10/19/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/20/2023 11:00:27 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/20/2023 11:00:27 PM
Surr: DNOP	76.2	69-147		%Rec	1	10/20/2023 11:00:27 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/21/2023 4:22:56 AM
Surr: BFB	98.1	15-244		%Rec	1	10/21/2023 4:22:56 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	10/21/2023 4:22:56 AM
Toluene	ND	0.048		mg/Kg	1	10/21/2023 4:22:56 AM
Ethylbenzene	ND	0.048		mg/Kg	1	10/21/2023 4:22:56 AM
Xylenes, Total	ND	0.097		mg/Kg	1	10/21/2023 4:22:56 AM
Surr: 4-Bromofluorobenzene	103	39.1-146		%Rec	1	10/21/2023 4:22:56 AM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	ND	60		mg/Kg	20	10/20/2023 4:45:06 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310925

Date Reported: 10/24/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-35 0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 10/17/2023 10:48:00 AM

Lab ID: 2310925-005

Matrix: SOIL

Received Date: 10/19/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: PRD
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/23/2023 6:56:48 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/23/2023 6:56:48 PM
Surr: DNOP	82.6	69-147		%Rec	1	10/23/2023 6:56:48 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/21/2023 4:46:18 AM
Surr: BFB	99.9	15-244		%Rec	1	10/21/2023 4:46:18 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	10/21/2023 4:46:18 AM
Toluene	ND	0.049		mg/Kg	1	10/21/2023 4:46:18 AM
Ethylbenzene	ND	0.049		mg/Kg	1	10/21/2023 4:46:18 AM
Xylenes, Total	ND	0.099		mg/Kg	1	10/21/2023 4:46:18 AM
Surr: 4-Bromofluorobenzene	106	39.1-146		%Rec	1	10/21/2023 4:46:18 AM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	70	60		mg/Kg	20	10/20/2023 4:57:31 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2310925

Date Reported: 10/24/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc.

Client Sample ID: BH23-35 2'

Project: Strawberry 7 Fed Com 9H

Collection Date: 10/17/2023 11:01:00 AM

Lab ID: 2310925-006

Matrix: SOIL

Received Date: 10/19/2023 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/20/2023 11:32:51 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/20/2023 11:32:51 PM
Surr: DNOP	106	69-147		%Rec	1	10/20/2023 11:32:51 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/21/2023 5:09:53 AM
Surr: BFB	99.3	15-244		%Rec	1	10/21/2023 5:09:53 AM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	10/21/2023 5:09:53 AM
Toluene	ND	0.048		mg/Kg	1	10/21/2023 5:09:53 AM
Ethylbenzene	ND	0.048		mg/Kg	1	10/21/2023 5:09:53 AM
Xylenes, Total	ND	0.096		mg/Kg	1	10/21/2023 5:09:53 AM
Surr: 4-Bromofluorobenzene	104	39.1-146		%Rec	1	10/21/2023 5:09:53 AM
EPA METHOD 300.0: ANIONS						Analyst: JTT
Chloride	ND	60		mg/Kg	20	10/20/2023 5:09:56 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2310925
24-Oct-23

Client: Vertex Resources Services, Inc.
Project: Strawberry 7 Fed Com 9H

Sample ID: MB-78269	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 78269	RunNo: 100629								
Prep Date: 10/20/2023	Analysis Date: 10/20/2023	SeqNo: 3689507	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-78269	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 78269	RunNo: 100629								
Prep Date: 10/20/2023	Analysis Date: 10/20/2023	SeqNo: 3689508	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.0	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 standard limits. If undiluted results may be estimated.

B

Analyte detected in the associated Method Blank

E

Above Quantitation Range/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#: 2310925

24-Oct-23

Client: Vertex Resources Services, Inc.**Project:** Strawberry 7 Fed Com 9H

Sample ID: LCS-78254	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 78254		RunNo: 100627							
Prep Date: 10/19/2023	Analysis Date: 10/20/2023		SeqNo: 3689325		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	10	50.00	0	107	61.9	130			
Surr: DNOP	4.9		5.000		99.0	69	147			

Sample ID: MB-78254	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 78254		RunNo: 100627							
Prep Date: 10/19/2023	Analysis Date: 10/20/2023		SeqNo: 3689329		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	9.9		10.00		99.2	69	147			

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/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#: 2310925

24-Oct-23

Client: Vertex Resources Services, Inc.**Project:** Strawberry 7 Fed Com 9H

Sample ID: lcs-78252	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 78252		RunNo: 100615							
Prep Date: 10/19/2023	Analysis Date: 10/20/2023		SeqNo: 3690477		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	94.9	70	130			
Surr: BFB	1900		1000		194	15	244			

Sample ID: mb-78252	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 78252		RunNo: 100615							
Prep Date: 10/19/2023	Analysis Date: 10/20/2023		SeqNo: 3690478		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	930		1000		92.9	15	244			

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/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#: 2310925

24-Oct-23

Client: Vertex Resources Services, Inc.**Project:** Strawberry 7 Fed Com 9H

Sample ID: LCS-78252	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 78252		RunNo: 100615							
Prep Date: 10/19/2023	Analysis Date: 10/20/2023		SeqNo: 3690508		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	98.9	70	130			
Toluene	1.0	0.050	1.000	0	99.9	70	130			
Ethylbenzene	1.0	0.050	1.000	0	100	70	130			
Xylenes, Total	3.0	0.10	3.000	0	101	70	130			
Surr: 4-Bromofluorobenzene	0.98		1.000		98.0	39.1	146			

Sample ID: mb-78252	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 78252		RunNo: 100615							
Prep Date: 10/19/2023	Analysis Date: 10/20/2023		SeqNo: 3690509		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	0.98		1.000		97.6	39.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		



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: 2310925

RcptNo: 1

Received By: Tracy Casarrubias 10/19/2023 7:30:00 AM

Completed By: Tracy Casarrubias 10/19/2023 8:01:55 AM

Reviewed By: scm 10/19/23

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 $>0^{\circ}\text{C}$ 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: scm 10/19/23

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: Mailing address, phone number and Email/Fax are missing on COC- TMC 10/19/23

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.0	Good	Yes	Morty		



Eurofins Environment Testing South
Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

January 02, 2024

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

RE: Strawberry 7 Fed Com 9H

OrderNo.: 2312C27

Dear Kent Stallings:

Eurofins Environment Testing South Central, LLC received 5 sample(s) on 12/21/2023 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 do not hesitate to contact Eurofins Albuquerque 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

Analytical Report

Lab Order 2312C27

Date Reported: 1/2/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-30 4'

Project: Strawberry 7 Fed Com 9H

Collection Date: 12/19/2023 10:43:00 AM

Lab ID: 2312C27-001

Matrix: SOIL

Received Date: 12/21/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/27/2023 2:06:05 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/27/2023 2:06:05 PM
Surr: DNOP	90.2	69-147		%Rec	1	12/27/2023 2:06:05 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/24/2023 6:55:20 PM
Surr: BFB	97.3	15-244		%Rec	1	12/24/2023 6:55:20 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	12/24/2023 6:55:20 PM
Toluene	ND	0.049		mg/Kg	1	12/24/2023 6:55:20 PM
Ethylbenzene	ND	0.049		mg/Kg	1	12/24/2023 6:55:20 PM
Xylenes, Total	ND	0.097		mg/Kg	1	12/24/2023 6:55:20 PM
Surr: 4-Bromofluorobenzene	96.2	39.1-146		%Rec	1	12/24/2023 6:55:20 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	71	60		mg/Kg	20	12/22/2023 7:40:04 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2312C27

Date Reported: 1/2/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-36 0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 12/19/2023 10:47:00 AM

Lab ID: 2312C27-002

Matrix: SOIL

Received Date: 12/21/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	12/27/2023 2:16:40 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/27/2023 2:16:40 PM
Surr: DNOP	94.1	69-147		%Rec	1	12/27/2023 2:16:40 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/24/2023 8:06:54 PM
Surr: BFB	99.8	15-244		%Rec	1	12/24/2023 8:06:54 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	12/24/2023 8:06:54 PM
Toluene	ND	0.048		mg/Kg	1	12/24/2023 8:06:54 PM
Ethylbenzene	ND	0.048		mg/Kg	1	12/24/2023 8:06:54 PM
Xylenes, Total	ND	0.095		mg/Kg	1	12/24/2023 8:06:54 PM
Surr: 4-Bromofluorobenzene	98.7	39.1-146		%Rec	1	12/24/2023 8:06:54 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	150	60		mg/Kg	20	12/22/2023 7:52:29 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2312C27

Date Reported: 1/2/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-36 2'

Project: Strawberry 7 Fed Com 9H

Collection Date: 12/19/2023 11:38:00 AM

Lab ID: 2312C27-003

Matrix: SOIL

Received Date: 12/21/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	12/27/2023 2:27:13 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	12/27/2023 2:27:13 PM
Surr: DNOP	90.9	69-147		%Rec	1	12/27/2023 2:27:13 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/24/2023 9:18:49 PM
Surr: BFB	96.6	15-244		%Rec	1	12/24/2023 9:18:49 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	12/24/2023 9:18:49 PM
Toluene	ND	0.048		mg/Kg	1	12/24/2023 9:18:49 PM
Ethylbenzene	ND	0.048		mg/Kg	1	12/24/2023 9:18:49 PM
Xylenes, Total	ND	0.095		mg/Kg	1	12/24/2023 9:18:49 PM
Surr: 4-Bromofluorobenzene	95.3	39.1-146		%Rec	1	12/24/2023 9:18:49 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	ND	60		mg/Kg	20	12/22/2023 8:29:43 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2312C27

Date Reported: 1/2/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-37 0'

Project: Strawberry 7 Fed Com 9H

Collection Date: 12/19/2023 10:58:00 AM

Lab ID: 2312C27-004

Matrix: SOIL

Received Date: 12/21/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	12/27/2023 2:37:50 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	12/27/2023 2:37:50 PM
Surr: DNOP	97.8	69-147		%Rec	1	12/27/2023 2:37:50 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/24/2023 9:43:03 PM
Surr: BFB	95.8	15-244		%Rec	1	12/24/2023 9:43:03 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.023		mg/Kg	1	12/24/2023 9:43:03 PM
Toluene	ND	0.047		mg/Kg	1	12/24/2023 9:43:03 PM
Ethylbenzene	ND	0.047		mg/Kg	1	12/24/2023 9:43:03 PM
Xylenes, Total	ND	0.094		mg/Kg	1	12/24/2023 9:43:03 PM
Surr: 4-Bromofluorobenzene	95.8	39.1-146		%Rec	1	12/24/2023 9:43:03 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	ND	60		mg/Kg	20	12/22/2023 8:42:08 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2312C27

Date Reported: 1/2/2024

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy

Client Sample ID: BH23-37 2'

Project: Strawberry 7 Fed Com 9H

Collection Date: 12/19/2023 11:20:00 AM

Lab ID: 2312C27-005

Matrix: SOIL

Received Date: 12/21/2023 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/27/2023 2:48:25 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/27/2023 2:48:25 PM
Surr: DNOP	92.4	69-147		%Rec	1	12/27/2023 2:48:25 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/24/2023 10:07:22 PM
Surr: BFB	94.1	15-244		%Rec	1	12/24/2023 10:07:22 PM
EPA METHOD 8021B: VOLATILES						Analyst: JJP
Benzene	ND	0.025		mg/Kg	1	12/24/2023 10:07:22 PM
Toluene	ND	0.049		mg/Kg	1	12/24/2023 10:07:22 PM
Ethylbenzene	ND	0.049		mg/Kg	1	12/24/2023 10:07:22 PM
Xylenes, Total	ND	0.098		mg/Kg	1	12/24/2023 10:07:22 PM
Surr: 4-Bromofluorobenzene	94.0	39.1-146		%Rec	1	12/24/2023 10:07:22 PM
EPA METHOD 300.0: ANIONS						Analyst: SNS
Chloride	ND	60		mg/Kg	20	12/22/2023 8:54:32 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2312C27
02-Jan-24

Client: Devon Energy
Project: Strawberry 7 Fed Com 9H

Sample ID: MB-79586		SampType: MBLK		TestCode: EPA Method 300.0: Anions						
Client ID: PBS	Batch ID: 79586			RunNo: 102051						
Prep Date: 12/22/2023	Analysis Date: 12/22/2023			SeqNo: 3768171			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-79586		SampType: LCS		TestCode: EPA Method 300.0: Anions						
Client ID: LCSS	Batch ID: 79586			RunNo: 102051						
Prep Date: 12/22/2023	Analysis Date: 12/22/2023			SeqNo: 3768172			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.6	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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 6 of 9

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

WO#: 2312C27

02-Jan-24

Client: Devon Energy**Project:** Strawberry 7 Fed Com 9H

Sample ID: 2312C27-005AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: BH23-37 2'	Batch ID: 79618	RunNo: 102119								
Prep Date: 12/27/2023	Analysis Date: 12/27/2023	SeqNo: 3769199	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	38	9.2	46.04	0	81.8	54.2	135			
Surr: DNOP	4.5		4.604		96.7	69	147			

Sample ID: 2312C27-005AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: BH23-37 2'	Batch ID: 79618	RunNo: 102119								
Prep Date: 12/27/2023	Analysis Date: 12/27/2023	SeqNo: 3769200	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	9.2	45.96	0	86.9	54.2	135	5.81	29.2	
Surr: DNOP	4.7		4.596		103	69	147	0	0	

Sample ID: LCS-79618	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 79618	RunNo: 102119								
Prep Date: 12/27/2023	Analysis Date: 12/27/2023	SeqNo: 3769212	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	89.4	61.9	130			
Surr: DNOP	4.9		5.000		97.3	69	147			

Sample ID: MB-79618	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 79618	RunNo: 102119								
Prep Date: 12/27/2023	Analysis Date: 12/27/2023	SeqNo: 3769216	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	8.9		10.00		89.3	69	147			

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/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#: 2312C27

02-Jan-24

Client: Devon Energy

Project: Strawberry 7 Fed Com 9H

Sample ID: ics-79573	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 79573	RunNo: 102079								
Prep Date: 12/22/2023	Analysis Date: 12/24/2023	SeqNo: 3767289			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	97.1	70	130			
Surr: BFB	2000		1000		204	15	244			

Sample ID: mb-79573	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 79573	RunNo: 102079								
Prep Date: 12/22/2023	Analysis Date: 12/24/2023	SeqNo: 3767290			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	970		1000		97.3	15	244			

Sample ID: 2312c27-001ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: BH23-30 4'	Batch ID: 79573	RunNo: 102079								
Prep Date: 12/22/2023	Analysis Date: 12/24/2023	SeqNo: 3767307			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.8	24.20	0	100	70	130			
Surr: BFB	2100		968.1		212	15	244			

Sample ID: 2312c27-001amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: BH23-30 4'	Batch ID: 79573	RunNo: 102079								
Prep Date: 12/22/2023	Analysis Date: 12/24/2023	SeqNo: 3767308			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	4.9	24.34	0	96.0	70	130	3.90	20	
Surr: BFB	2000		973.7		205	15	244	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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 8 of 9

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

WO#: 2312C27

02-Jan-24

Client: Devon Energy**Project:** Strawberry 7 Fed Com 9H

Sample ID: LCS-79573	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 79573		RunNo: 102079							
Prep Date: 12/22/2023	Analysis Date: 12/24/2023		SeqNo: 3767316		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	87.0	70	130			
Toluene	0.90	0.050	1.000	0	89.8	70	130			
Ethylbenzene	0.91	0.050	1.000	0	90.7	70	130			
Xylenes, Total	2.7	0.10	3.000	0	91.5	70	130			
Surr: 4-Bromofluorobenzene	0.98		1.000		98.0	39.1	146			

Sample ID: mb-79573	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 79573		RunNo: 102079							
Prep Date: 12/22/2023	Analysis Date: 12/24/2023		SeqNo: 3767317		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	0.97		1.000		96.7	39.1	146			

Sample ID: 2312c27-002ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: BH23-36 0'	Batch ID: 79573		RunNo: 102079							
Prep Date: 12/22/2023	Analysis Date: 12/24/2023		SeqNo: 3767336		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.82	0.024	0.9452	0	87.2	70	130			
Toluene	0.85	0.047	0.9452	0	89.6	70	130			
Ethylbenzene	0.87	0.047	0.9452	0	91.8	70	130			
Xylenes, Total	2.6	0.095	2.836	0	92.7	70	130			
Surr: 4-Bromofluorobenzene	0.91		0.9452		96.7	39.1	146			

Sample ID: 2312c27-002amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: BH23-36 0'	Batch ID: 79573		RunNo: 102079							
Prep Date: 12/22/2023	Analysis Date: 12/24/2023		SeqNo: 3767337		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.83	0.024	0.9542	0	87.2	70	130	0.950	20	
Toluene	0.86	0.048	0.9542	0	90.4	70	130	1.82	20	
Ethylbenzene	0.89	0.048	0.9542	0	92.9	70	130	2.08	20	
Xylenes, Total	2.7	0.095	2.863	0	93.5	70	130	1.85	20	
Surr: 4-Bromofluorobenzene	0.92		0.9542		96.7	39.1	146	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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit



Environment Testin

Eurofins Environment Testing South
Central, LLC

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: 2312C27

RcptNo: 1

Received By: Tracy Casarrubias

12/21/2023 7:45:00 AM

Completed By: Tracy Casarrubias

12/21/2023 8:58:55 AM

Reviewed By: *[Signature]* 12/21/23Chain 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 $>0^{\circ}\text{C}$ 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: 7u12/21/23Special Handling (if applicable)

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

Person Notified: Date: By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In PersonRegarding: Client Instructions: Mailing address, phone number, and Email/Fax are missing on COC - TMC 12/21/23

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.6	Good	Yes	Yogi		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 6/6/2024 1:37:41 PM

JOB DESCRIPTION

Strawberry 7 Fed Com 9H

JOB NUMBER

885-5356-1

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



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

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Client: Vertex
Project/Site: Strawberry 7 Fed Com 9H

Laboratory Job ID: 885-5356-1

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Definitions/Glossary

Client: Vertex
Project/Site: Strawberry 7 Fed Com 9H

Job ID: 885-5356-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

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

Case Narrative

Client: Vertex
Project: Strawberry 7 Fed Com 9H

Job ID: 885-5356-1

Job ID: 885-5356-1

Eurofins Albuquerque

Job Narrative 885-5356-1

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

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

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

Receipt

The samples were received on 5/31/2024 7:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

Gasoline Range Organics

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: Strawberry 7 Fed Com 9H

Job ID: 885-5356-1

Client Sample ID: Backfill-01

Lab Sample ID: 885-5356-1

Date Collected: 05/29/24 10:21

Matrix: Solid

Date Received: 05/31/24 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.5	mg/Kg		05/31/24 09:35	06/01/24 03:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			05/31/24 09:35	06/01/24 03:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		05/31/24 09:35	06/01/24 03:05	1
Ethylbenzene	ND		0.035	mg/Kg		05/31/24 09:35	06/01/24 03:05	1
Toluene	ND		0.035	mg/Kg		05/31/24 09:35	06/01/24 03:05	1
Xylenes, Total	ND		0.071	mg/Kg		05/31/24 09:35	06/01/24 03:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			05/31/24 09:35	06/01/24 03:05	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]	ND		9.3	mg/Kg		05/31/24 14:32	05/31/24 20:57	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		05/31/24 14:32	05/31/24 20:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			05/31/24 14:32	05/31/24 20:57	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68		60	mg/Kg		06/01/24 06:49	06/01/24 11:03	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Fed Com 9H

Job ID: 885-5356-1

Client Sample ID: Backfill-02

Lab Sample ID: 885-5356-2

Date Collected: 05/29/24 10:23

Matrix: Solid

Date Received: 05/31/24 07:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.7	mg/Kg		05/31/24 09:35	06/01/24 03:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			05/31/24 09:35	06/01/24 03:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		05/31/24 09:35	06/01/24 03:28	1
Ethylbenzene	ND		0.037	mg/Kg		05/31/24 09:35	06/01/24 03:28	1
Toluene	ND		0.037	mg/Kg		05/31/24 09:35	06/01/24 03:28	1
Xylenes, Total	ND		0.074	mg/Kg		05/31/24 09:35	06/01/24 03:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		48 - 145			05/31/24 09:35	06/01/24 03:28	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]	ND		8.9	mg/Kg		05/31/24 14:32	05/31/24 21:10	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		05/31/24 14:32	05/31/24 21:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			05/31/24 14:32	05/31/24 21:10	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63		59	mg/Kg		06/01/24 06:49	06/01/24 11:15	20

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Strawberry 7 Fed Com 9H

Job ID: 885-5356-1

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

Lab Sample ID: MB 885-5933/1-A

Matrix: Solid

Analysis Batch: 5951

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5933

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/31/24 09:35	05/31/24 23:34	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			05/31/24 09:35	05/31/24 23:34	1

Lab Sample ID: LCS 885-5933/2-A

Matrix: Solid

Analysis Batch: 5951

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5933

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	24.5		mg/Kg		98	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	204	S1+	35 - 166				

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-5933/1-A

Matrix: Solid

Analysis Batch: 5952

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5933

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/31/24 09:35	05/31/24 23:34	1
Ethylbenzene	ND		0.050	mg/Kg		05/31/24 09:35	05/31/24 23:34	1
Toluene	ND		0.050	mg/Kg		05/31/24 09:35	05/31/24 23:34	1
Xylenes, Total	ND		0.10	mg/Kg		05/31/24 09:35	05/31/24 23:34	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			05/31/24 09:35	05/31/24 23:34	1

Lab Sample ID: LCS 885-5933/3-A

Matrix: Solid

Analysis Batch: 5952

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5933

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.949		mg/Kg		95	70 - 130
Ethylbenzene	1.00	0.882		mg/Kg		88	70 - 130
m,p-Xylene	2.00	1.80		mg/Kg		90	70 - 130
o-Xylene	1.00	0.891		mg/Kg		89	70 - 130
Toluene	1.00	0.894		mg/Kg		89	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	97		48 - 145				

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Strawberry 7 Fed Com 9H

Job ID: 885-5356-1

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

Lab Sample ID: MB 885-5955/1-A
Matrix: Solid
Analysis Batch: 5950

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5955

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		05/31/24 14:32	05/31/24 20:30	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		05/31/24 14:32	05/31/24 20:30	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			05/31/24 14:32	05/31/24 20:30	1

Lab Sample ID: LCS 885-5955/2-A
Matrix: Solid
Analysis Batch: 5950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5955

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	43.5		mg/Kg		87	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	95		62 - 134				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-5975/1-A
Matrix: Solid
Analysis Batch: 5986

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5975

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		06/01/24 06:49	06/01/24 08:10	1

Lab Sample ID: LCS 885-5975/2-A
Matrix: Solid
Analysis Batch: 5986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5975

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	27.6		mg/Kg		92	90 - 110

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QC Association Summary

Client: Vertex
Project/Site: Strawberry 7 Fed Com 9H

Job ID: 885-5356-1

GC VOA

Prep Batch: 5933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5356-1	Backfill-01	Total/NA	Solid	5035	
885-5356-2	Backfill-02	Total/NA	Solid	5035	
MB 885-5933/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-5933/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-5933/3-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 5951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5356-1	Backfill-01	Total/NA	Solid	8015M/D	5933
885-5356-2	Backfill-02	Total/NA	Solid	8015M/D	5933
MB 885-5933/1-A	Method Blank	Total/NA	Solid	8015M/D	5933
LCS 885-5933/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	5933

Analysis Batch: 5952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5356-1	Backfill-01	Total/NA	Solid	8021B	5933
885-5356-2	Backfill-02	Total/NA	Solid	8021B	5933
MB 885-5933/1-A	Method Blank	Total/NA	Solid	8021B	5933
LCS 885-5933/3-A	Lab Control Sample	Total/NA	Solid	8021B	5933

GC Semi VOA

Analysis Batch: 5950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5356-1	Backfill-01	Total/NA	Solid	8015M/D	5955
885-5356-2	Backfill-02	Total/NA	Solid	8015M/D	5955
MB 885-5955/1-A	Method Blank	Total/NA	Solid	8015M/D	5955
LCS 885-5955/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	5955

Prep Batch: 5955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5356-1	Backfill-01	Total/NA	Solid	SHAKE	
885-5356-2	Backfill-02	Total/NA	Solid	SHAKE	
MB 885-5955/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-5955/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 5975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5356-1	Backfill-01	Total/NA	Solid	300_Prep	
885-5356-2	Backfill-02	Total/NA	Solid	300_Prep	
MB 885-5975/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-5975/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 5986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5356-1	Backfill-01	Total/NA	Solid	300.0	5975
885-5356-2	Backfill-02	Total/NA	Solid	300.0	5975
MB 885-5975/1-A	Method Blank	Total/NA	Solid	300.0	5975
LCS 885-5975/2-A	Lab Control Sample	Total/NA	Solid	300.0	5975

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Strawberry 7 Fed Com 9H

Job ID: 885-5356-1

Client Sample ID: Backfill-01
Date Collected: 05/29/24 10:21
Date Received: 05/31/24 07:45

Lab Sample ID: 885-5356-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			5933	AT	EET ALB	05/31/24 09:35
Total/NA	Analysis	8015M/D		1	5951	JP	EET ALB	06/01/24 03:05
Total/NA	Prep	5035			5933	AT	EET ALB	05/31/24 09:35
Total/NA	Analysis	8021B		1	5952	JP	EET ALB	06/01/24 03:05
Total/NA	Prep	SHAKE			5955	JU	EET ALB	05/31/24 14:32
Total/NA	Analysis	8015M/D		1	5950	JU	EET ALB	05/31/24 20:57
Total/NA	Prep	300_Prep			5975	JT	EET ALB	06/01/24 06:49
Total/NA	Analysis	300.0		20	5986	JT	EET ALB	06/01/24 11:03

Client Sample ID: Backfill-02
Date Collected: 05/29/24 10:23
Date Received: 05/31/24 07:45

Lab Sample ID: 885-5356-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			5933	AT	EET ALB	05/31/24 09:35
Total/NA	Analysis	8015M/D		1	5951	JP	EET ALB	06/01/24 03:28
Total/NA	Prep	5035			5933	AT	EET ALB	05/31/24 09:35
Total/NA	Analysis	8021B		1	5952	JP	EET ALB	06/01/24 03:28
Total/NA	Prep	SHAKE			5955	JU	EET ALB	05/31/24 14:32
Total/NA	Analysis	8015M/D		1	5950	JU	EET ALB	05/31/24 21:10
Total/NA	Prep	300_Prep			5975	JT	EET ALB	06/01/24 06:49
Total/NA	Analysis	300.0		20	5986	JT	EET ALB	06/01/24 11:15

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Strawberry 7 Fed Com 9H

Job ID: 885-5356-1

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	02-26-25
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	5035	Solid	Gasoline Range Organics [C6 - C10]
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-26-25

Turn-Around Time:

Client:

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other☐ EDD (Type)

Project Name:

strawberry 7 Fed Com 9#

Project #:

Project Manager:

Rent Stallings

Sampler: SM

On Ice: ☒ Yes ☐ No

of Coolers: 1 4092

Cooler Temp (including CF): 3-6-12-3.6 (°C)Container
Type and #Preservative
Type

HEAL No.

HALL ENVIRONME ANALYSIS LABORA

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

885-5356 COC

Analysis Request

[illegible]

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 notated on the analytical report.

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-5356-1

Login Number: 5356

List Number: 1

Creator: Casarrubias, Tracy

List Source: Eurofins Albuquerque

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

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JOB DESCRIPTION

Strawberry

JOB NUMBER

885-5892-1

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



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

Client: Vertex
Project/Site: Strawberry

Laboratory Job ID: 885-5892-1

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Definitions/Glossary

Client: Vertex
Project/Site: Strawberry

Job ID: 885-5892-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
S1-	Surrogate recovery exceeds control limits, low biased.

Glossary

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

Case Narrative

Client: Vertex
Project: Strawberry

Job ID: 885-5892-1

Job ID: 885-5892-1

Eurofins Albuquerque

Job Narrative 885-5892-1

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

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

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

Receipt

The samples were received on 6/10/2024 6:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 22.8°C.

Gasoline Range Organics

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

Method 8015D_DRO: The following sample was diluted due to the nature of the sample matrix: BS24-01 1' (885-5892-2). Elevated reporting limits (RLs) are provided.

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

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: Strawberry

Job ID: 885-5892-1

Client Sample ID: WS24-01 0-1'

Lab Sample ID: 885-5892-1

Date Collected: 06/06/24 09:00

Matrix: Solid

Date Received: 06/10/24 06:30

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		5.0	mg/Kg		06/11/24 14:27	06/13/24 12:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		35 - 166			06/11/24 14:27	06/13/24 12:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		06/11/24 14:27	06/13/24 12:38	1
Ethylbenzene	ND		0.050	mg/Kg		06/11/24 14:27	06/13/24 12:38	1
Toluene	ND		0.050	mg/Kg		06/11/24 14:27	06/13/24 12:38	1
Xylenes, Total	ND		0.10	mg/Kg		06/11/24 14:27	06/13/24 12:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			06/11/24 14:27	06/13/24 12:38	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]	410		8.5	mg/Kg		06/12/24 11:28	06/12/24 13:04	1
Motor Oil Range Organics [C28-C40]	ND		42	mg/Kg		06/12/24 11:28	06/12/24 13:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			06/12/24 11:28	06/12/24 13:04	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2300		61	mg/Kg		06/12/24 10:06	06/12/24 16:14	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry

Job ID: 885-5892-1

Client Sample ID: BS24-01 1'

Lab Sample ID: 885-5892-2

Date Collected: 06/06/24 09:03

Matrix: Solid

Date Received: 06/10/24 06:30

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		5.0	mg/Kg		06/11/24 14:27	06/13/24 13:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			06/11/24 14:27	06/13/24 13:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		06/11/24 14:27	06/13/24 13:02	1
Ethylbenzene	ND		0.050	mg/Kg		06/11/24 14:27	06/13/24 13:02	1
Toluene	ND		0.050	mg/Kg		06/11/24 14:27	06/13/24 13:02	1
Xylenes, Total	ND		0.10	mg/Kg		06/11/24 14:27	06/13/24 13:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		48 - 145			06/11/24 14:27	06/13/24 13:02	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]	1000		91	mg/Kg		06/12/24 11:28	06/12/24 15:38	10
Motor Oil Range Organics [C28-C40]	ND	D	450	mg/Kg		06/12/24 11:28	06/12/24 15:38	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	0	S1- D	62 - 134			06/12/24 11:28	06/12/24 15:38	10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	490		60	mg/Kg		06/12/24 10:06	06/12/24 16:29	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-5892-1

Project/Site: Strawberry

Client Sample ID: BS24-02 1'

Lab Sample ID: 885-5892-3

Date Collected: 06/06/24 09:05

Matrix: Solid

Date Received: 06/10/24 06:30

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		4.9	mg/Kg		06/11/24 14:27	06/13/24 13:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			06/11/24 14:27	06/13/24 13:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		06/11/24 14:27	06/13/24 13:26	1
Ethylbenzene	ND		0.049	mg/Kg		06/11/24 14:27	06/13/24 13:26	1
Toluene	ND		0.049	mg/Kg		06/11/24 14:27	06/13/24 13:26	1
Xylenes, Total	ND		0.099	mg/Kg		06/11/24 14:27	06/13/24 13:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		48 - 145			06/11/24 14:27	06/13/24 13:26	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]	87		9.6	mg/Kg		06/12/24 11:28	06/12/24 13:30	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		06/12/24 11:28	06/12/24 13:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			06/12/24 11:28	06/12/24 13:30	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3200		150	mg/Kg		06/12/24 10:06	06/13/24 18:15	50

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Strawberry

Job ID: 885-5892-1

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

Lab Sample ID: MB 885-6501/1-A

Matrix: Solid

Analysis Batch: 6669

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6501

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		06/11/24 14:27	06/13/24 12:15	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			06/11/24 14:27	06/13/24 12:15	1

Lab Sample ID: LCS 885-6501/2-A

Matrix: Solid

Analysis Batch: 6669

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6501

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	23.2		mg/Kg		93	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	201	S1+	35 - 166				

Lab Sample ID: 885-5892-1 MS

Matrix: Solid

Analysis Batch: 6669

Client Sample ID: WS24-01 0-1'

Prep Type: Total/NA

Prep Batch: 6501

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		24.9	24.6		mg/Kg		99	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	209	S1+	35 - 166						

Lab Sample ID: 885-5892-1 MSD

Matrix: Solid

Analysis Batch: 6669

Client Sample ID: WS24-01 0-1'

Prep Type: Total/NA

Prep Batch: 6501

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.8	22.9		mg/Kg		92	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	205	S1+	35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-6501/1-A

Matrix: Solid

Analysis Batch: 6670

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6501

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		06/11/24 14:27	06/13/24 12:15	1
Ethylbenzene	ND		0.050	mg/Kg		06/11/24 14:27	06/13/24 12:15	1
Toluene	ND		0.050	mg/Kg		06/11/24 14:27	06/13/24 12:15	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-5892-1

Project/Site: Strawberry

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

Lab Sample ID: MB 885-6501/1-A

Matrix: Solid

Analysis Batch: 6670

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6501

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		06/11/24 14:27	06/13/24 12:15	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			06/11/24 14:27	06/13/24 12:15	1

Lab Sample ID: LCS 885-6501/3-A

Matrix: Solid

Analysis Batch: 6670

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6501

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.878		mg/Kg		88	70 - 130
Ethylbenzene	1.00	0.855		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	2.00	1.73		mg/Kg		86	70 - 130
o-Xylene	1.00	0.839		mg/Kg		84	70 - 130
Toluene	1.00	0.838		mg/Kg		84	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	95		48 - 145				

Lab Sample ID: 885-5892-2 MS

Matrix: Solid

Analysis Batch: 6670

Client Sample ID: BS24-01 1'

Prep Type: Total/NA

Prep Batch: 6501

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.996	0.894		mg/Kg		90	70 - 130
Ethylbenzene	ND		0.996	0.893		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	ND		1.99	1.80		mg/Kg		89	70 - 130
o-Xylene	ND		0.996	0.886		mg/Kg		89	70 - 130
Toluene	ND		0.996	0.865		mg/Kg		85	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	95		48 - 145						

Lab Sample ID: 885-5892-2 MSD

Matrix: Solid

Analysis Batch: 6670

Client Sample ID: BS24-01 1'

Prep Type: Total/NA

Prep Batch: 6501

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.996	0.884		mg/Kg		89	70 - 130	1	20
Ethylbenzene	ND		0.996	0.874		mg/Kg		88	70 - 130	2	20
m-Xylene & p-Xylene	ND		1.99	1.76		mg/Kg		87	70 - 130	2	20
o-Xylene	ND		0.996	0.873		mg/Kg		88	70 - 130	2	20
Toluene	ND		0.996	0.866		mg/Kg		85	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	96		48 - 145								

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-5892-1

Project/Site: Strawberry

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

Lab Sample ID: MB 885-6572/1-A

Matrix: Solid

Analysis Batch: 6580

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6572

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		06/12/24 11:28	06/12/24 12:39	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		06/12/24 11:28	06/12/24 12:39	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	108		62 - 134			06/12/24 11:28	06/12/24 12:39	1

Lab Sample ID: LCS 885-6572/2-A

Matrix: Solid

Analysis Batch: 6580

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6572

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	41.8		mg/Kg		84	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	107		62 - 134				

Lab Sample ID: 885-5892-3 MS

Matrix: Solid

Analysis Batch: 6580

Client Sample ID: BS24-02 1'

Prep Type: Total/NA

Prep Batch: 6572

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	87		44.3	122		mg/Kg		80	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	106		62 - 134						

Lab Sample ID: 885-5892-3 MSD

Matrix: Solid

Analysis Batch: 6580

Client Sample ID: BS24-02 1'

Prep Type: Total/NA

Prep Batch: 6572

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	87		49.4	120		mg/Kg		68	44 - 136	1	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	102		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-6559/1-A

Matrix: Solid

Analysis Batch: 6604

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6559

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		06/12/24 10:06	06/12/24 11:06	1
Chloride	ND		1.5	mg/Kg		06/12/24 10:06	06/12/24 11:06	1

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QC Sample Results

Client: Vertex
Project/Site: Strawberry

Job ID: 885-5892-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-6559/2-A				Client Sample ID: Lab Control Sample			
Matrix: Solid				Prep Type: Total/NA			
Analysis Batch: 6604				Prep Batch: 6559			
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.0	14.0		mg/Kg		93	90 - 110
Chloride	15.0	14.0		mg/Kg		93	90 - 110

QC Association Summary

Client: Vertex
Project/Site: Strawberry

Job ID: 885-5892-1

GC VOA

Prep Batch: 6501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5892-1	WS24-01 0-1'	Total/NA	Solid	5030C	
885-5892-2	BS24-01 1'	Total/NA	Solid	5030C	
885-5892-3	BS24-02 1'	Total/NA	Solid	5030C	
MB 885-6501/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-6501/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-6501/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-5892-1 MS	WS24-01 0-1'	Total/NA	Solid	5030C	
885-5892-1 MSD	WS24-01 0-1'	Total/NA	Solid	5030C	
885-5892-2 MS	BS24-01 1'	Total/NA	Solid	5030C	
885-5892-2 MSD	BS24-01 1'	Total/NA	Solid	5030C	

Analysis Batch: 6669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5892-1	WS24-01 0-1'	Total/NA	Solid	8015M/D	6501
885-5892-2	BS24-01 1'	Total/NA	Solid	8015M/D	6501
885-5892-3	BS24-02 1'	Total/NA	Solid	8015M/D	6501
MB 885-6501/1-A	Method Blank	Total/NA	Solid	8015M/D	6501
LCS 885-6501/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	6501
885-5892-1 MS	WS24-01 0-1'	Total/NA	Solid	8015M/D	6501
885-5892-1 MSD	WS24-01 0-1'	Total/NA	Solid	8015M/D	6501

Analysis Batch: 6670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5892-1	WS24-01 0-1'	Total/NA	Solid	8021B	6501
885-5892-2	BS24-01 1'	Total/NA	Solid	8021B	6501
885-5892-3	BS24-02 1'	Total/NA	Solid	8021B	6501
MB 885-6501/1-A	Method Blank	Total/NA	Solid	8021B	6501
LCS 885-6501/3-A	Lab Control Sample	Total/NA	Solid	8021B	6501
885-5892-2 MS	BS24-01 1'	Total/NA	Solid	8021B	6501
885-5892-2 MSD	BS24-01 1'	Total/NA	Solid	8021B	6501

GC Semi VOA

Prep Batch: 6572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5892-1	WS24-01 0-1'	Total/NA	Solid	SHAKE	
885-5892-2	BS24-01 1'	Total/NA	Solid	SHAKE	
885-5892-3	BS24-02 1'	Total/NA	Solid	SHAKE	
MB 885-6572/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-6572/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-5892-3 MS	BS24-02 1'	Total/NA	Solid	SHAKE	
885-5892-3 MSD	BS24-02 1'	Total/NA	Solid	SHAKE	

Analysis Batch: 6580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5892-1	WS24-01 0-1'	Total/NA	Solid	8015M/D	6572
885-5892-2	BS24-01 1'	Total/NA	Solid	8015M/D	6572
885-5892-3	BS24-02 1'	Total/NA	Solid	8015M/D	6572
MB 885-6572/1-A	Method Blank	Total/NA	Solid	8015M/D	6572
LCS 885-6572/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	6572
885-5892-3 MS	BS24-02 1'	Total/NA	Solid	8015M/D	6572

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QC Association Summary

Client: Vertex
Project/Site: Strawberry

Job ID: 885-5892-1

GC Semi VOA (Continued)

Analysis Batch: 6580 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5892-3 MSD	BS24-02 1'	Total/NA	Solid	8015M/D	6572

HPLC/IC

Prep Batch: 6559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5892-1	WS24-01 0-1'	Total/NA	Solid	300_Prep	
885-5892-2	BS24-01 1'	Total/NA	Solid	300_Prep	
885-5892-3	BS24-02 1'	Total/NA	Solid	300_Prep	
MB 885-6559/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-6559/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 6604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5892-1	WS24-01 0-1'	Total/NA	Solid	300.0	6559
885-5892-2	BS24-01 1'	Total/NA	Solid	300.0	6559
MB 885-6559/1-A	Method Blank	Total/NA	Solid	300.0	6559
MB 885-6559/1-A	Method Blank	Total/NA	Solid	300.0	6559
LCS 885-6559/2-A	Lab Control Sample	Total/NA	Solid	300.0	6559
LCS 885-6559/2-A	Lab Control Sample	Total/NA	Solid	300.0	6559

Analysis Batch: 6716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-5892-3	BS24-02 1'	Total/NA	Solid	300.0	6559

Lab Chronicle

Client: Vertex
Project/Site: Strawberry

Job ID: 885-5892-1

Client Sample ID: WS24-01 0-1'
Date Collected: 06/06/24 09:00
Date Received: 06/10/24 06:30

Lab Sample ID: 885-5892-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			6501	AT	EET ALB	06/11/24 14:27
Total/NA	Analysis	8015M/D		1	6669	JP	EET ALB	06/13/24 12:38
Total/NA	Prep	5030C			6501	AT	EET ALB	06/11/24 14:27
Total/NA	Analysis	8021B		1	6670	JP	EET ALB	06/13/24 12:38
Total/NA	Prep	SHAKE			6572	JU	EET ALB	06/12/24 11:28
Total/NA	Analysis	8015M/D		1	6580	JU	EET ALB	06/12/24 13:04
Total/NA	Prep	300_Prep			6559	SS	EET ALB	06/12/24 10:06
Total/NA	Analysis	300.0		20	6604	JT	EET ALB	06/12/24 16:14

Client Sample ID: BS24-01 1'
Date Collected: 06/06/24 09:03
Date Received: 06/10/24 06:30

Lab Sample ID: 885-5892-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			6501	AT	EET ALB	06/11/24 14:27
Total/NA	Analysis	8015M/D		1	6669	JP	EET ALB	06/13/24 13:02
Total/NA	Prep	5030C			6501	AT	EET ALB	06/11/24 14:27
Total/NA	Analysis	8021B		1	6670	JP	EET ALB	06/13/24 13:02
Total/NA	Prep	SHAKE			6572	JU	EET ALB	06/12/24 11:28
Total/NA	Analysis	8015M/D		10	6580	JU	EET ALB	06/12/24 15:38
Total/NA	Prep	300_Prep			6559	SS	EET ALB	06/12/24 10:06
Total/NA	Analysis	300.0		20	6604	JT	EET ALB	06/12/24 16:29

Client Sample ID: BS24-02 1'
Date Collected: 06/06/24 09:05
Date Received: 06/10/24 06:30

Lab Sample ID: 885-5892-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			6501	AT	EET ALB	06/11/24 14:27
Total/NA	Analysis	8015M/D		1	6669	JP	EET ALB	06/13/24 13:26
Total/NA	Prep	5030C			6501	AT	EET ALB	06/11/24 14:27
Total/NA	Analysis	8021B		1	6670	JP	EET ALB	06/13/24 13:26
Total/NA	Prep	SHAKE			6572	JU	EET ALB	06/12/24 11:28
Total/NA	Analysis	8015M/D		1	6580	JU	EET ALB	06/12/24 13:30
Total/NA	Prep	300_Prep			6559	SS	EET ALB	06/12/24 10:06
Total/NA	Analysis	300.0		50	6716	RC	EET ALB	06/13/24 18:15

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Strawberry

Job ID: 885-5892-1

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	02-26-25
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	02-26-25

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-5892-1

Login Number: 5892

List Source: Eurofins Albuquerque

List Number: 1

Creator: Dominguez, Desiree

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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.	False	Cooler temperature outside required temperature criteria.
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kent Stallings
Vertex
3101 Boyd Dr
Carlsbad, New Mexico 88220

Generated 3/6/2025 10:53:55 AM

JOB DESCRIPTION

Strawberry 7 Federal 9H

JOB NUMBER

885-20271-1

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



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Authorized for release by
Andy Freeman, Business Unit Manager
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(505)345-3975

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Laboratory Job ID: 885-20271-1

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Definitions/Glossary

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
S1-	Surrogate recovery exceeds control limits, low biased.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

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

Case Narrative

Client: Vertex
Project: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Job ID: 885-20271-1

Eurofins Albuquerque

Job Narrative 885-20271-1

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 samples were received on 2/21/2025 8:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.9°C and 4.8°C.

Gasoline Range Organics

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

Method 8015D_DRO: Surrogate recovery for the following sample is outside the lower control limit: (CCV 885-21272/177). However, all affected samples were passing for DRO, therefore, all results with passing surrogates or non-detect for analytes with high surrogates are reportable.

Method 8015D_DRO: Surrogate recovery for the following sample is outside the lower control limit: (CCV 885-21472/133). Recovery of target analytes were within expected limits, therefore, all associated samples with passing surrogates are reported.

Method 8015D_DRO: The following sample was diluted to bring the concentration of target analytes within the calibration range: BS25-25 0' (885-20271-23). Elevated reporting limits (RLs) are provided.

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

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

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

Client Sample ID: BS25-03 0'

Lab Sample ID: 885-20271-1

Date Collected: 02/17/25 10:00

Matrix: Solid

Date Received: 02/21/25 08:05

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		5.0	mg/Kg		02/22/25 11:18	02/28/25 17:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		35 - 166			02/22/25 11:18	02/28/25 17:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 11:18	02/28/25 17:31	1
Ethylbenzene	ND		0.050	mg/Kg		02/22/25 11:18	02/28/25 17:31	1
Toluene	ND		0.050	mg/Kg		02/22/25 11:18	02/28/25 17:31	1
Xylenes, Total	ND		0.099	mg/Kg		02/22/25 11:18	02/28/25 17:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			02/22/25 11:18	02/28/25 17:31	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]	690		9.8	mg/Kg		02/24/25 15:28	02/26/25 18:42	1
Motor Oil Range Organics [C28-C40]	54		49	mg/Kg		02/24/25 15:28	02/26/25 18:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			02/24/25 15:28	02/26/25 18:42	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	590		60	mg/Kg		02/24/25 12:08	02/24/25 18:01	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-04 0'

Lab Sample ID: 885-20271-2

Date Collected: 02/17/25 10:05

Matrix: Solid

Date Received: 02/21/25 08:05

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		5.0	mg/Kg		02/22/25 11:18	02/28/25 18:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		35 - 166			02/22/25 11:18	02/28/25 18:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 11:18	02/28/25 18:36	1
Ethylbenzene	ND		0.050	mg/Kg		02/22/25 11:18	02/28/25 18:36	1
Toluene	ND		0.050	mg/Kg		02/22/25 11:18	02/28/25 18:36	1
Xylenes, Total	ND		0.10	mg/Kg		02/22/25 11:18	02/28/25 18:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			02/22/25 11:18	02/28/25 18:36	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]	ND		9.6	mg/Kg		02/24/25 15:28	02/26/25 19:14	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/24/25 15:28	02/26/25 19:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			02/24/25 15:28	02/26/25 19:14	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4500		150	mg/Kg		02/24/25 12:08	02/25/25 22:04	50

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

Client Sample ID: BS25-05 0'

Lab Sample ID: 885-20271-3

Date Collected: 02/17/25 10:10

Matrix: Solid

Date Received: 02/21/25 08:05

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		5.0	mg/Kg		02/22/25 11:18	02/28/25 19:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		35 - 166			02/22/25 11:18	02/28/25 19:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 11:18	02/28/25 19:41	1
Ethylbenzene	ND		0.050	mg/Kg		02/22/25 11:18	02/28/25 19:41	1
Toluene	ND		0.050	mg/Kg		02/22/25 11:18	02/28/25 19:41	1
Xylenes, Total	ND		0.10	mg/Kg		02/22/25 11:18	02/28/25 19:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			02/22/25 11:18	02/28/25 19:41	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]	91		9.2	mg/Kg		02/24/25 15:28	02/26/25 19:24	1
Motor Oil Range Organics [C28-C40]	550		46	mg/Kg		02/24/25 15:28	02/26/25 19:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			02/24/25 15:28	02/26/25 19:24	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		60	mg/Kg		02/24/25 12:08	02/24/25 19:36	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-06 0'

Lab Sample ID: 885-20271-4

Date Collected: 02/17/25 10:15

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.9	mg/Kg		02/22/25 11:18	02/28/25 20:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		35 - 166			02/22/25 11:18	02/28/25 20:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 11:18	02/28/25 20:02	1
Ethylbenzene	ND		0.049	mg/Kg		02/22/25 11:18	02/28/25 20:02	1
Toluene	ND		0.049	mg/Kg		02/22/25 11:18	02/28/25 20:02	1
Xylenes, Total	ND		0.097	mg/Kg		02/22/25 11:18	02/28/25 20:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			02/22/25 11:18	02/28/25 20:02	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]	ND		9.3	mg/Kg		02/24/25 15:28	02/26/25 19:35	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/24/25 15:28	02/26/25 19:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			02/24/25 15:28	02/26/25 19:35	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		60	mg/Kg		02/24/25 12:08	02/24/25 19:48	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-07 0'

Lab Sample ID: 885-20271-5

Date Collected: 02/17/25 10:20

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.7	mg/Kg		02/22/25 11:18	02/28/25 20:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		35 - 166			02/22/25 11:18	02/28/25 20:24	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 11:18	02/28/25 20:24	1
Ethylbenzene	ND		0.047	mg/Kg		02/22/25 11:18	02/28/25 20:24	1
Toluene	ND		0.047	mg/Kg		02/22/25 11:18	02/28/25 20:24	1
Xylenes, Total	ND		0.094	mg/Kg		02/22/25 11:18	02/28/25 20:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			02/22/25 11:18	02/28/25 20:24	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]	ND		9.6	mg/Kg		02/24/25 15:28	02/26/25 19:46	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/24/25 15:28	02/26/25 19:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			02/24/25 15:28	02/26/25 19:46	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74		60	mg/Kg		02/24/25 12:08	02/24/25 20:00	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-08 0'

Lab Sample ID: 885-20271-6

Date Collected: 02/17/25 10:25

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.6	mg/Kg		02/22/25 11:18	02/28/25 20:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		35 - 166			02/22/25 11:18	02/28/25 20:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		02/22/25 11:18	02/28/25 20:45	1
Ethylbenzene	ND		0.046	mg/Kg		02/22/25 11:18	02/28/25 20:45	1
Toluene	ND		0.046	mg/Kg		02/22/25 11:18	02/28/25 20:45	1
Xylenes, Total	ND		0.093	mg/Kg		02/22/25 11:18	02/28/25 20:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			02/22/25 11:18	02/28/25 20:45	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]	ND		9.2	mg/Kg		02/24/25 15:28	02/26/25 19:56	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		02/24/25 15:28	02/26/25 19:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			02/24/25 15:28	02/26/25 19:56	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		59	mg/Kg		02/24/25 12:08	02/24/25 20:12	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-09 0'

Lab Sample ID: 885-20271-7

Date Collected: 02/17/25 10:30

Matrix: Solid

Date Received: 02/21/25 08:05

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		02/22/25 11:18	02/28/25 21:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		35 - 166			02/22/25 11:18	02/28/25 21:07	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 11:18	02/28/25 21:07	1
Ethylbenzene	ND		0.048	mg/Kg		02/22/25 11:18	02/28/25 21:07	1
Toluene	ND		0.048	mg/Kg		02/22/25 11:18	02/28/25 21:07	1
Xylenes, Total	ND		0.096	mg/Kg		02/22/25 11:18	02/28/25 21:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			02/22/25 11:18	02/28/25 21:07	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]	ND		9.5	mg/Kg		02/24/25 15:28	02/26/25 20:07	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/24/25 15:28	02/26/25 20:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	91		62 - 134			02/24/25 15:28	02/26/25 20:07	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	830		60	mg/Kg		02/24/25 12:08	02/24/25 20:23	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-10 0'

Lab Sample ID: 885-20271-8

Date Collected: 02/17/25 10:35

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.7	mg/Kg		02/22/25 11:18	02/28/25 21:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			02/22/25 11:18	02/28/25 21:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 11:18	02/28/25 21:29	1
Ethylbenzene	ND		0.047	mg/Kg		02/22/25 11:18	02/28/25 21:29	1
Toluene	ND		0.047	mg/Kg		02/22/25 11:18	02/28/25 21:29	1
Xylenes, Total	ND		0.094	mg/Kg		02/22/25 11:18	02/28/25 21:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			02/22/25 11:18	02/28/25 21:29	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]	ND		9.8	mg/Kg		02/24/25 15:28	02/26/25 20:17	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/24/25 15:28	02/26/25 20:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			02/24/25 15:28	02/26/25 20:17	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	390		60	mg/Kg		02/24/25 12:08	02/24/25 20:59	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-11 0'

Lab Sample ID: 885-20271-9

Date Collected: 02/17/25 10:40

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.9	mg/Kg		02/22/25 11:18	02/28/25 21:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			02/22/25 11:18	02/28/25 21:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 11:18	02/28/25 21:51	1
Ethylbenzene	ND		0.049	mg/Kg		02/22/25 11:18	02/28/25 21:51	1
Toluene	ND		0.049	mg/Kg		02/22/25 11:18	02/28/25 21:51	1
Xylenes, Total	ND		0.097	mg/Kg		02/22/25 11:18	02/28/25 21:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			02/22/25 11:18	02/28/25 21:51	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]	ND		9.2	mg/Kg		02/24/25 15:28	02/26/25 20:28	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		02/24/25 15:28	02/26/25 20:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			02/24/25 15:28	02/26/25 20:28	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	570		60	mg/Kg		02/24/25 12:08	02/24/25 21:11	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-12 0'

Lab Sample ID: 885-20271-10

Date Collected: 02/17/25 10:45

Matrix: Solid

Date Received: 02/21/25 08:05

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		02/22/25 11:18	02/28/25 22:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			02/22/25 11:18	02/28/25 22:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 11:18	02/28/25 22:12	1
Ethylbenzene	ND		0.048	mg/Kg		02/22/25 11:18	02/28/25 22:12	1
Toluene	ND		0.048	mg/Kg		02/22/25 11:18	02/28/25 22:12	1
Xylenes, Total	ND		0.096	mg/Kg		02/22/25 11:18	02/28/25 22:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			02/22/25 11:18	02/28/25 22:12	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]	ND		9.5	mg/Kg		02/24/25 15:28	02/26/25 20:49	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/24/25 15:28	02/26/25 20:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			02/24/25 15:28	02/26/25 20:49	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		60	mg/Kg		02/24/25 12:08	02/24/25 21:23	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

Client Sample ID: BS25-13 0'

Lab Sample ID: 885-20271-11

Date Collected: 02/17/25 10:50

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.9	mg/Kg		02/22/25 11:18	02/28/25 22:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			02/22/25 11:18	02/28/25 22:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 11:18	02/28/25 22:56	1
Ethylbenzene	ND		0.049	mg/Kg		02/22/25 11:18	02/28/25 22:56	1
Toluene	ND		0.049	mg/Kg		02/22/25 11:18	02/28/25 22:56	1
Xylenes, Total	ND		0.098	mg/Kg		02/22/25 11:18	02/28/25 22:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			02/22/25 11:18	02/28/25 22:56	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]	25		9.4	mg/Kg		02/24/25 15:28	02/26/25 20:59	1
Motor Oil Range Organics [C28-C40]	78		47	mg/Kg		02/24/25 15:28	02/26/25 20:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	93		62 - 134			02/24/25 15:28	02/26/25 20:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	350		60	mg/Kg		02/24/25 12:08	02/24/25 21:35	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-14 0'

Lab Sample ID: 885-20271-12

Date Collected: 02/17/25 10:55

Matrix: Solid

Date Received: 02/21/25 08:05

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		02/22/25 11:18	02/28/25 23:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		35 - 166			02/22/25 11:18	02/28/25 23:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 11:18	02/28/25 23:17	1
Ethylbenzene	ND		0.048	mg/Kg		02/22/25 11:18	02/28/25 23:17	1
Toluene	ND		0.048	mg/Kg		02/22/25 11:18	02/28/25 23:17	1
Xylenes, Total	ND		0.097	mg/Kg		02/22/25 11:18	02/28/25 23:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			02/22/25 11:18	02/28/25 23:17	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]	100		9.6	mg/Kg		02/24/25 15:28	02/26/25 21:10	1
Motor Oil Range Organics [C28-C40]	390		48	mg/Kg		02/24/25 15:28	02/26/25 21:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			02/24/25 15:28	02/26/25 21:10	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		60	mg/Kg		02/24/25 12:08	02/24/25 21:47	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-15 0'

Lab Sample ID: 885-20271-13

Date Collected: 02/17/25 11:00

Matrix: Solid

Date Received: 02/21/25 08:05

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		02/22/25 11:18	02/28/25 23:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		35 - 166			02/22/25 11:18	02/28/25 23:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 11:18	02/28/25 23:39	1
Ethylbenzene	ND		0.048	mg/Kg		02/22/25 11:18	02/28/25 23:39	1
Toluene	ND		0.048	mg/Kg		02/22/25 11:18	02/28/25 23:39	1
Xylenes, Total	ND		0.096	mg/Kg		02/22/25 11:18	02/28/25 23:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			02/22/25 11:18	02/28/25 23:39	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]	13		9.2	mg/Kg		02/24/25 15:28	02/26/25 21:20	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		02/24/25 15:28	02/26/25 21:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	92		62 - 134			02/24/25 15:28	02/26/25 21:20	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		59	mg/Kg		02/24/25 12:08	02/24/25 21:58	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-16 0'

Lab Sample ID: 885-20271-14

Date Collected: 02/17/25 11:05

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.7	mg/Kg		02/22/25 11:18	03/01/25 00:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			02/22/25 11:18	03/01/25 00:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 11:18	03/01/25 00:01	1
Ethylbenzene	ND		0.047	mg/Kg		02/22/25 11:18	03/01/25 00:01	1
Toluene	ND		0.047	mg/Kg		02/22/25 11:18	03/01/25 00:01	1
Xylenes, Total	ND		0.095	mg/Kg		02/22/25 11:18	03/01/25 00:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			02/22/25 11:18	03/01/25 00:01	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]	ND		9.7	mg/Kg		02/24/25 15:28	02/26/25 21:31	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/24/25 15:28	02/26/25 21:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			02/24/25 15:28	02/26/25 21:31	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	690		60	mg/Kg		02/24/25 12:08	02/24/25 22:10	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-17 0'

Lab Sample ID: 885-20271-15

Date Collected: 02/17/25 11:10

Matrix: Solid

Date Received: 02/21/25 08:05

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		02/22/25 11:18	03/01/25 00:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			02/22/25 11:18	03/01/25 00:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 11:18	03/01/25 00:23	1
Ethylbenzene	ND		0.048	mg/Kg		02/22/25 11:18	03/01/25 00:23	1
Toluene	ND		0.048	mg/Kg		02/22/25 11:18	03/01/25 00:23	1
Xylenes, Total	ND		0.097	mg/Kg		02/22/25 11:18	03/01/25 00:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			02/22/25 11:18	03/01/25 00:23	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]	170		9.3	mg/Kg		02/24/25 15:28	02/26/25 21:41	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/24/25 15:28	02/26/25 21:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			02/24/25 15:28	02/26/25 21:41	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2800		150	mg/Kg		02/24/25 12:08	02/25/25 22:14	50

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-18 0'

Lab Sample ID: 885-20271-16

Date Collected: 02/17/25 11:15

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.9	mg/Kg		02/22/25 11:18	03/01/25 00:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		35 - 166			02/22/25 11:18	03/01/25 00:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 11:18	03/01/25 00:44	1
Ethylbenzene	ND		0.049	mg/Kg		02/22/25 11:18	03/01/25 00:44	1
Toluene	ND		0.049	mg/Kg		02/22/25 11:18	03/01/25 00:44	1
Xylenes, Total	ND		0.098	mg/Kg		02/22/25 11:18	03/01/25 00:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			02/22/25 11:18	03/01/25 00:44	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]	920		9.4	mg/Kg		02/24/25 15:28	02/26/25 21:52	1
Motor Oil Range Organics [C28-C40]	78		47	mg/Kg		02/24/25 15:28	02/26/25 21:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			02/24/25 15:28	02/26/25 21:52	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	800		60	mg/Kg		02/24/25 12:08	02/24/25 22:34	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-19 0'

Lab Sample ID: 885-20271-17

Date Collected: 02/17/25 11:20

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.7	mg/Kg		02/22/25 11:18	03/01/25 01:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		35 - 166			02/22/25 11:18	03/01/25 01:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 11:18	03/01/25 01:06	1
Ethylbenzene	ND		0.047	mg/Kg		02/22/25 11:18	03/01/25 01:06	1
Toluene	ND		0.047	mg/Kg		02/22/25 11:18	03/01/25 01:06	1
Xylenes, Total	ND		0.094	mg/Kg		02/22/25 11:18	03/01/25 01:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			02/22/25 11:18	03/01/25 01:06	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]	52		9.5	mg/Kg		02/24/25 15:28	02/26/25 22:02	1
Motor Oil Range Organics [C28-C40]	59		48	mg/Kg		02/24/25 15:28	02/26/25 22:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	100		62 - 134			02/24/25 15:28	02/26/25 22:02	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2600		150	mg/Kg		02/24/25 12:08	02/25/25 22:24	50

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-20 0'

Lab Sample ID: 885-20271-18

Date Collected: 02/17/25 11:25

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.6	mg/Kg		02/22/25 11:18	03/01/25 01:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			02/22/25 11:18	03/01/25 01:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		02/22/25 11:18	03/01/25 01:28	1
Ethylbenzene	ND		0.046	mg/Kg		02/22/25 11:18	03/01/25 01:28	1
Toluene	ND		0.046	mg/Kg		02/22/25 11:18	03/01/25 01:28	1
Xylenes, Total	ND		0.092	mg/Kg		02/22/25 11:18	03/01/25 01:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		48 - 145			02/22/25 11:18	03/01/25 01:28	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]	31		9.4	mg/Kg		02/24/25 15:28	02/26/25 22:13	1
Motor Oil Range Organics [C28-C40]	78		47	mg/Kg		02/24/25 15:28	02/26/25 22:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			02/24/25 15:28	02/26/25 22:13	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	950		60	mg/Kg		02/24/25 12:08	02/24/25 23:22	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

Client Sample ID: BS25-21 0'

Lab Sample ID: 885-20271-19

Date Collected: 02/17/25 11:30

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.7	mg/Kg		02/22/25 11:18	03/01/25 02:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		35 - 166			02/22/25 11:18	03/01/25 02:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 11:18	03/01/25 02:11	1
Ethylbenzene	ND		0.047	mg/Kg		02/22/25 11:18	03/01/25 02:11	1
Toluene	ND		0.047	mg/Kg		02/22/25 11:18	03/01/25 02:11	1
Xylenes, Total	ND		0.094	mg/Kg		02/22/25 11:18	03/01/25 02:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			02/22/25 11:18	03/01/25 02:11	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]	ND		9.2	mg/Kg		02/24/25 15:28	02/26/25 22:23	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		02/24/25 15:28	02/26/25 22:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			02/24/25 15:28	02/26/25 22:23	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	440		60	mg/Kg		02/24/25 12:08	02/24/25 23:33	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-22 0'

Lab Sample ID: 885-20271-20

Date Collected: 02/17/25 11:35

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.6	mg/Kg		02/22/25 11:18	03/01/25 02:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			02/22/25 11:18	03/01/25 02:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		02/22/25 11:18	03/01/25 02:54	1
Ethylbenzene	ND		0.046	mg/Kg		02/22/25 11:18	03/01/25 02:54	1
Toluene	ND		0.046	mg/Kg		02/22/25 11:18	03/01/25 02:54	1
Xylenes, Total	ND		0.092	mg/Kg		02/22/25 11:18	03/01/25 02:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			02/22/25 11:18	03/01/25 02:54	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]	ND		9.1	mg/Kg		02/24/25 15:28	02/26/25 22:34	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		02/24/25 15:28	02/26/25 22:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			02/24/25 15:28	02/26/25 22:34	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		60	mg/Kg		02/24/25 12:08	02/24/25 23:45	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-23 0'

Lab Sample ID: 885-20271-21

Date Collected: 02/17/25 11:40

Matrix: Solid

Date Received: 02/21/25 08:05

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		5.0	mg/Kg		02/22/25 12:04	03/01/25 05:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			02/22/25 12:04	03/01/25 05:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 12:04	03/01/25 05:04	1
Ethylbenzene	ND		0.050	mg/Kg		02/22/25 12:04	03/01/25 05:04	1
Toluene	ND		0.050	mg/Kg		02/22/25 12:04	03/01/25 05:04	1
Xylenes, Total	ND		0.10	mg/Kg		02/22/25 12:04	03/01/25 05:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			02/22/25 12:04	03/01/25 05:04	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]	ND		9.2	mg/Kg		02/24/25 15:32	02/26/25 07:42	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		02/24/25 15:32	02/26/25 07:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			02/24/25 15:32	02/26/25 07:42	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500		60	mg/Kg		02/24/25 15:32	02/25/25 10:50	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-24 0'

Lab Sample ID: 885-20271-22

Date Collected: 02/17/25 11:45

Matrix: Solid

Date Received: 02/21/25 08:05

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		5.0	mg/Kg		02/22/25 12:04	03/01/25 06:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		35 - 166			02/22/25 12:04	03/01/25 06:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 12:04	03/01/25 06:09	1
Ethylbenzene	ND		0.050	mg/Kg		02/22/25 12:04	03/01/25 06:09	1
Toluene	ND		0.050	mg/Kg		02/22/25 12:04	03/01/25 06:09	1
Xylenes, Total	ND		0.099	mg/Kg		02/22/25 12:04	03/01/25 06:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			02/22/25 12:04	03/01/25 06:09	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]	210		9.2	mg/Kg		02/24/25 15:32	02/26/25 08:05	1
Motor Oil Range Organics [C28-C40]	680		46	mg/Kg		02/24/25 15:32	02/26/25 08:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			02/24/25 15:32	02/26/25 08:05	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		60	mg/Kg		02/24/25 15:32	02/25/25 11:20	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

Client Sample ID: BS25-25 0'

Lab Sample ID: 885-20271-23

Date Collected: 02/17/25 11:50

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.7	mg/Kg		02/22/25 12:04	03/01/25 07:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		35 - 166			02/22/25 12:04	03/01/25 07:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		02/22/25 12:04	03/01/25 07:13	1
Ethylbenzene	ND		0.047	mg/Kg		02/22/25 12:04	03/01/25 07:13	1
Toluene	ND		0.047	mg/Kg		02/22/25 12:04	03/01/25 07:13	1
Xylenes, Total	ND		0.094	mg/Kg		02/22/25 12:04	03/01/25 07:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			02/22/25 12:04	03/01/25 07:13	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]	1700		100	mg/Kg		02/24/25 15:32	02/28/25 16:14	10
Motor Oil Range Organics [C28-C40]	1400		500	mg/Kg		02/24/25 15:32	02/28/25 16:14	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	0	S1- D	62 - 134			02/24/25 15:32	02/28/25 16:14	10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5000		150	mg/Kg		02/24/25 15:32	02/26/25 15:07	50

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

Client Sample ID: BS25-26 0'

Lab Sample ID: 885-20271-24

Date Collected: 02/17/25 11:55

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.9	mg/Kg		02/22/25 12:04	03/01/25 07:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		35 - 166			02/22/25 12:04	03/01/25 07:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 12:04	03/01/25 07:35	1
Ethylbenzene	ND		0.049	mg/Kg		02/22/25 12:04	03/01/25 07:35	1
Toluene	ND		0.049	mg/Kg		02/22/25 12:04	03/01/25 07:35	1
Xylenes, Total	ND		0.099	mg/Kg		02/22/25 12:04	03/01/25 07:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		48 - 145			02/22/25 12:04	03/01/25 07:35	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]	16		10	mg/Kg		02/24/25 15:32	02/28/25 16:37	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		02/24/25 15:32	02/28/25 16:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			02/24/25 15:32	02/28/25 16:37	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4300		150	mg/Kg		02/24/25 15:32	02/26/25 15:16	50

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-27 0'

Lab Sample ID: 885-20271-25

Date Collected: 02/17/25 12:00

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.7	mg/Kg		02/22/25 12:04	03/01/25 07:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		35 - 166			02/22/25 12:04	03/01/25 07:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 12:04	03/01/25 07:56	1
Ethylbenzene	ND		0.047	mg/Kg		02/22/25 12:04	03/01/25 07:56	1
Toluene	ND		0.047	mg/Kg		02/22/25 12:04	03/01/25 07:56	1
Xylenes, Total	ND		0.095	mg/Kg		02/22/25 12:04	03/01/25 07:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		48 - 145			02/22/25 12:04	03/01/25 07:56	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]	15		9.7	mg/Kg		02/24/25 15:32	02/28/25 17:01	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/24/25 15:32	02/28/25 17:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			02/24/25 15:32	02/28/25 17:01	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5100		150	mg/Kg		02/24/25 15:32	02/26/25 15:26	50

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Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-28 0'

Lab Sample ID: 885-20271-26

Date Collected: 02/17/25 12:05

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.9	mg/Kg		02/22/25 12:04	03/01/25 08:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		35 - 166			02/22/25 12:04	03/01/25 08:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 12:04	03/01/25 08:18	1
Ethylbenzene	ND		0.049	mg/Kg		02/22/25 12:04	03/01/25 08:18	1
Toluene	ND		0.049	mg/Kg		02/22/25 12:04	03/01/25 08:18	1
Xylenes, Total	ND		0.098	mg/Kg		02/22/25 12:04	03/01/25 08:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			02/22/25 12:04	03/01/25 08:18	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]	14		9.3	mg/Kg		02/24/25 15:32	02/28/25 17:24	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/24/25 15:32	02/28/25 17:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			02/24/25 15:32	02/28/25 17:24	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	620		60	mg/Kg		02/24/25 15:32	02/25/25 12:43	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-29 0'

Lab Sample ID: 885-20271-27

Date Collected: 02/18/25 08:00

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.9	mg/Kg		02/22/25 12:04	03/01/25 08:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			02/22/25 12:04	03/01/25 08:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 12:04	03/01/25 08:39	1
Ethylbenzene	ND		0.049	mg/Kg		02/22/25 12:04	03/01/25 08:39	1
Toluene	ND		0.049	mg/Kg		02/22/25 12:04	03/01/25 08:39	1
Xylenes, Total	ND		0.098	mg/Kg		02/22/25 12:04	03/01/25 08:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			02/22/25 12:04	03/01/25 08:39	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]	ND		9.4	mg/Kg		02/24/25 15:32	02/26/25 10:02	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/24/25 15:32	02/26/25 10:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	83		62 - 134			02/24/25 15:32	02/26/25 10:02	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6600		300	mg/Kg		02/24/25 15:32	02/26/25 15:36	100

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-30 0'

Lab Sample ID: 885-20271-28

Date Collected: 02/18/25 08:05

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.7	mg/Kg		02/22/25 12:04	03/01/25 09:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		35 - 166			02/22/25 12:04	03/01/25 09:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		02/22/25 12:04	03/01/25 09:01	1
Ethylbenzene	ND		0.047	mg/Kg		02/22/25 12:04	03/01/25 09:01	1
Toluene	ND		0.047	mg/Kg		02/22/25 12:04	03/01/25 09:01	1
Xylenes, Total	ND		0.094	mg/Kg		02/22/25 12:04	03/01/25 09:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			02/22/25 12:04	03/01/25 09:01	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]	ND		9.1	mg/Kg		02/24/25 15:32	02/26/25 10:25	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		02/24/25 15:32	02/26/25 10:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			02/24/25 15:32	02/26/25 10:25	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4300		150	mg/Kg		02/24/25 15:32	02/26/25 15:46	50

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-31 0'

Lab Sample ID: 885-20271-29

Date Collected: 02/18/25 08:10

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.7	mg/Kg		02/22/25 12:04	03/01/25 09:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		35 - 166			02/22/25 12:04	03/01/25 09:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		02/22/25 12:04	03/01/25 09:23	1
Ethylbenzene	ND		0.047	mg/Kg		02/22/25 12:04	03/01/25 09:23	1
Toluene	ND		0.047	mg/Kg		02/22/25 12:04	03/01/25 09:23	1
Xylenes, Total	ND		0.094	mg/Kg		02/22/25 12:04	03/01/25 09:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			02/22/25 12:04	03/01/25 09:23	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]	ND		9.8	mg/Kg		02/24/25 15:32	02/26/25 11:12	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/24/25 15:32	02/26/25 11:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			02/24/25 15:32	02/26/25 11:12	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4200		150	mg/Kg		02/24/25 15:32	02/26/25 15:56	50

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-32 0'

Lab Sample ID: 885-20271-30

Date Collected: 02/18/25 08:15

Matrix: Solid

Date Received: 02/21/25 08:05

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		02/22/25 12:04	03/01/25 09:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		35 - 166			02/22/25 12:04	03/01/25 09:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 12:04	03/01/25 09:44	1
Ethylbenzene	ND		0.048	mg/Kg		02/22/25 12:04	03/01/25 09:44	1
Toluene	ND		0.048	mg/Kg		02/22/25 12:04	03/01/25 09:44	1
Xylenes, Total	ND		0.097	mg/Kg		02/22/25 12:04	03/01/25 09:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			02/22/25 12:04	03/01/25 09:44	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]	ND		9.6	mg/Kg		02/24/25 15:32	02/26/25 11:35	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/24/25 15:32	02/26/25 11:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			02/24/25 15:32	02/26/25 11:35	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5500		150	mg/Kg		02/24/25 15:32	02/26/25 16:06	50

Eurofins Albuquerque

Client Sample Results

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

Client Sample ID: BS25-33 0'

Lab Sample ID: 885-20271-31

Date Collected: 02/18/25 08:20

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.7	mg/Kg		02/22/25 12:04	03/01/25 10:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		35 - 166			02/22/25 12:04	03/01/25 10:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 12:04	03/01/25 10:28	1
Ethylbenzene	ND		0.047	mg/Kg		02/22/25 12:04	03/01/25 10:28	1
Toluene	ND		0.047	mg/Kg		02/22/25 12:04	03/01/25 10:28	1
Xylenes, Total	ND		0.095	mg/Kg		02/22/25 12:04	03/01/25 10:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			02/22/25 12:04	03/01/25 10:28	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]	ND		9.5	mg/Kg		02/24/25 15:32	02/26/25 11:59	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/24/25 15:32	02/26/25 11:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			02/24/25 15:32	02/26/25 11:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5100		150	mg/Kg		02/24/25 15:32	02/26/25 16:16	50

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-34 0'

Lab Sample ID: 885-20271-32

Date Collected: 02/18/25 08:25

Matrix: Solid

Date Received: 02/21/25 08:05

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		02/22/25 12:04	03/01/25 10:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			02/22/25 12:04	03/01/25 10:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 12:04	03/01/25 10:49	1
Ethylbenzene	ND		0.048	mg/Kg		02/22/25 12:04	03/01/25 10:49	1
Toluene	ND		0.048	mg/Kg		02/22/25 12:04	03/01/25 10:49	1
Xylenes, Total	ND		0.096	mg/Kg		02/22/25 12:04	03/01/25 10:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			02/22/25 12:04	03/01/25 10:49	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]	ND		9.7	mg/Kg		02/24/25 15:32	02/26/25 12:22	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/24/25 15:32	02/26/25 12:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			02/24/25 15:32	02/26/25 12:22	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		60	mg/Kg		02/24/25 15:32	02/25/25 13:42	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-35 0'

Lab Sample ID: 885-20271-33

Date Collected: 02/18/25 08:30

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.9	mg/Kg		02/22/25 12:04	03/01/25 11:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			02/22/25 12:04	03/01/25 11:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 12:04	03/01/25 11:11	1
Ethylbenzene	ND		0.049	mg/Kg		02/22/25 12:04	03/01/25 11:11	1
Toluene	ND		0.049	mg/Kg		02/22/25 12:04	03/01/25 11:11	1
Xylenes, Total	ND		0.098	mg/Kg		02/22/25 12:04	03/01/25 11:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			02/22/25 12:04	03/01/25 11:11	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]	13		9.5	mg/Kg		02/24/25 15:32	02/26/25 12:46	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/24/25 15:32	02/26/25 12:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			02/24/25 15:32	02/26/25 12:46	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	440		60	mg/Kg		02/24/25 15:32	02/25/25 13:52	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-36 0'

Lab Sample ID: 885-20271-34

Date Collected: 02/18/25 08:35

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.7	mg/Kg		02/22/25 12:04	03/01/25 11:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			02/22/25 12:04	03/01/25 11:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 12:04	03/01/25 11:33	1
Ethylbenzene	ND		0.047	mg/Kg		02/22/25 12:04	03/01/25 11:33	1
Toluene	ND		0.047	mg/Kg		02/22/25 12:04	03/01/25 11:33	1
Xylenes, Total	ND		0.094	mg/Kg		02/22/25 12:04	03/01/25 11:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			02/22/25 12:04	03/01/25 11:33	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]	ND		9.9	mg/Kg		02/24/25 15:32	02/26/25 13:09	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/24/25 15:32	02/26/25 13:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			02/24/25 15:32	02/26/25 13:09	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	350		60	mg/Kg		02/24/25 15:32	02/25/25 14:02	20

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-37 0'

Lab Sample ID: 885-20271-35

Date Collected: 02/18/25 08:40

Matrix: Solid

Date Received: 02/21/25 08:05

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		02/22/25 12:04	03/01/25 11:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		35 - 166			02/22/25 12:04	03/01/25 11:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 12:04	03/01/25 11:55	1
Ethylbenzene	ND		0.048	mg/Kg		02/22/25 12:04	03/01/25 11:55	1
Toluene	ND		0.048	mg/Kg		02/22/25 12:04	03/01/25 11:55	1
Xylenes, Total	ND		0.096	mg/Kg		02/22/25 12:04	03/01/25 11:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			02/22/25 12:04	03/01/25 11:55	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]	ND		9.6	mg/Kg		02/24/25 15:32	02/26/25 13:33	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/24/25 15:32	02/26/25 13:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			02/24/25 15:32	02/26/25 13:33	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6000		300	mg/Kg		02/24/25 15:32	02/26/25 16:25	100

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Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-38 0'

Lab Sample ID: 885-20271-36

Date Collected: 02/18/25 08:45

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.9	mg/Kg		02/22/25 12:04	03/01/25 12:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		35 - 166			02/22/25 12:04	03/01/25 12:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 12:04	03/01/25 12:17	1
Ethylbenzene	ND		0.049	mg/Kg		02/22/25 12:04	03/01/25 12:17	1
Toluene	ND		0.049	mg/Kg		02/22/25 12:04	03/01/25 12:17	1
Xylenes, Total	ND		0.099	mg/Kg		02/22/25 12:04	03/01/25 12:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			02/22/25 12:04	03/01/25 12:17	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]	ND		9.4	mg/Kg		02/24/25 15:32	02/26/25 13:56	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/24/25 15:32	02/26/25 13:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			02/24/25 15:32	02/26/25 13:56	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100		60	mg/Kg		02/24/25 15:32	02/25/25 14:41	20

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Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-39 0'

Lab Sample ID: 885-20271-37

Date Collected: 02/18/25 08:50

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.7	mg/Kg		02/22/25 12:04	03/01/25 12:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			02/22/25 12:04	03/01/25 12:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 12:04	03/01/25 12:38	1
Ethylbenzene	ND		0.047	mg/Kg		02/22/25 12:04	03/01/25 12:38	1
Toluene	ND		0.047	mg/Kg		02/22/25 12:04	03/01/25 12:38	1
Xylenes, Total	ND		0.095	mg/Kg		02/22/25 12:04	03/01/25 12:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			02/22/25 12:04	03/01/25 12:38	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]	ND		9.8	mg/Kg		02/24/25 15:32	02/26/25 14:20	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/24/25 15:32	02/26/25 14:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			02/24/25 15:32	02/26/25 14:20	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4700		150	mg/Kg		02/24/25 15:32	02/26/25 16:35	50

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Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-40 0'

Lab Sample ID: 885-20271-38

Date Collected: 02/18/25 08:55

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.9	mg/Kg		02/22/25 12:04	03/01/25 13:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			02/22/25 12:04	03/01/25 13:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 12:04	03/01/25 13:00	1
Ethylbenzene	ND		0.049	mg/Kg		02/22/25 12:04	03/01/25 13:00	1
Toluene	ND		0.049	mg/Kg		02/22/25 12:04	03/01/25 13:00	1
Xylenes, Total	ND		0.098	mg/Kg		02/22/25 12:04	03/01/25 13:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			02/22/25 12:04	03/01/25 13:00	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]	ND		9.9	mg/Kg		02/24/25 15:32	02/26/25 14:43	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		02/24/25 15:32	02/26/25 14:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			02/24/25 15:32	02/26/25 14:43	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2200		60	mg/Kg		02/24/25 15:32	02/25/25 15:01	20

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Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-41 0'

Lab Sample ID: 885-20271-39

Date Collected: 02/18/25 09:00

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.7	mg/Kg		02/22/25 12:04	03/01/25 13:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		35 - 166			02/22/25 12:04	03/01/25 13:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		02/22/25 12:04	03/01/25 13:22	1
Ethylbenzene	ND		0.047	mg/Kg		02/22/25 12:04	03/01/25 13:22	1
Toluene	ND		0.047	mg/Kg		02/22/25 12:04	03/01/25 13:22	1
Xylenes, Total	ND		0.094	mg/Kg		02/22/25 12:04	03/01/25 13:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			02/22/25 12:04	03/01/25 13:22	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]	ND		9.3	mg/Kg		02/24/25 15:32	02/26/25 15:30	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/24/25 15:32	02/26/25 15:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			02/24/25 15:32	02/26/25 15:30	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5500		150	mg/Kg		02/24/25 15:32	02/26/25 17:05	50

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Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-42 0'

Lab Sample ID: 885-20271-40

Date Collected: 02/18/25 09:05

Matrix: Solid

Date Received: 02/21/25 08:05

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		5.0	mg/Kg		02/22/25 12:04	03/01/25 13:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			02/22/25 12:04	03/01/25 13:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 12:04	03/01/25 13:44	1
Ethylbenzene	ND		0.050	mg/Kg		02/22/25 12:04	03/01/25 13:44	1
Toluene	ND		0.050	mg/Kg		02/22/25 12:04	03/01/25 13:44	1
Xylenes, Total	ND		0.099	mg/Kg		02/22/25 12:04	03/01/25 13:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			02/22/25 12:04	03/01/25 13:44	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]	ND		10	mg/Kg		02/24/25 15:32	02/26/25 15:54	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		02/24/25 15:32	02/26/25 15:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			02/24/25 15:32	02/26/25 15:54	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4800		150	mg/Kg		02/24/25 15:32	02/26/25 17:15	50

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Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-43 0'

Lab Sample ID: 885-20271-41

Date Collected: 02/18/25 09:10

Matrix: Solid

Date Received: 02/21/25 08:05

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		5.0	mg/Kg		02/22/25 13:45	02/28/25 02:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			02/22/25 13:45	02/28/25 02:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 13:45	02/28/25 02:32	1
Ethylbenzene	ND		0.050	mg/Kg		02/22/25 13:45	02/28/25 02:32	1
Toluene	ND		0.050	mg/Kg		02/22/25 13:45	02/28/25 02:32	1
Xylenes, Total	ND		0.10	mg/Kg		02/22/25 13:45	02/28/25 02:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			02/22/25 13:45	02/28/25 02:32	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]	ND		9.5	mg/Kg		02/24/25 15:34	02/25/25 01:56	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		02/24/25 15:34	02/25/25 01:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			02/24/25 15:34	02/25/25 01:56	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4900		150	mg/Kg		02/25/25 11:26	02/26/25 17:25	50

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-44 0'

Lab Sample ID: 885-20271-42

Date Collected: 02/18/25 09:15

Matrix: Solid

Date Received: 02/21/25 08:05

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		5.0	mg/Kg		02/22/25 13:45	02/28/25 03:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		35 - 166			02/22/25 13:45	02/28/25 03:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 13:45	02/28/25 03:37	1
Ethylbenzene	ND		0.050	mg/Kg		02/22/25 13:45	02/28/25 03:37	1
Toluene	ND		0.050	mg/Kg		02/22/25 13:45	02/28/25 03:37	1
Xylenes, Total	ND		0.099	mg/Kg		02/22/25 13:45	02/28/25 03:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			02/22/25 13:45	02/28/25 03:37	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]	ND		9.6	mg/Kg		02/24/25 15:34	02/25/25 02:07	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/24/25 15:34	02/25/25 02:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			02/24/25 15:34	02/25/25 02:07	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5600		300	mg/Kg		02/25/25 11:26	02/26/25 17:34	100

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-45 0'
Date Collected: 02/18/25 09:20
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-43
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		4.9	mg/Kg		02/22/25 13:45	02/28/25 05:04	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	85		35 - 166			02/22/25 13:45	02/28/25 05:04	1	

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.024	mg/Kg		02/22/25 13:45	02/28/25 05:04	1	
Ethylbenzene	ND		0.049	mg/Kg		02/22/25 13:45	02/28/25 05:04	1	
Toluene	ND		0.049	mg/Kg		02/22/25 13:45	02/28/25 05:04	1	
Xylenes, Total	ND		0.098	mg/Kg		02/22/25 13:45	02/28/25 05:04	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	87		48 - 145			02/22/25 13:45	02/28/25 05:04	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]	ND		9.3	mg/Kg		02/24/25 15:34	02/25/25 02:17	1	
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		02/24/25 15:34	02/25/25 02:17	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	97		62 - 134			02/24/25 15:34	02/25/25 02:17	1	

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	2300		60	mg/Kg		02/25/25 11:26	02/25/25 20:35	20	

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-46 0'

Lab Sample ID: 885-20271-44

Date Collected: 02/18/25 09:25

Matrix: Solid

Date Received: 02/21/25 08:05

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		5.0	mg/Kg		02/22/25 13:45	02/28/25 05:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		35 - 166			02/22/25 13:45	02/28/25 05:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 13:45	02/28/25 05:25	1
Ethylbenzene	ND		0.050	mg/Kg		02/22/25 13:45	02/28/25 05:25	1
Toluene	ND		0.050	mg/Kg		02/22/25 13:45	02/28/25 05:25	1
Xylenes, Total	ND		0.099	mg/Kg		02/22/25 13:45	02/28/25 05:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			02/22/25 13:45	02/28/25 05:25	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]	ND		9.2	mg/Kg		02/24/25 15:34	02/25/25 02:28	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		02/24/25 15:34	02/25/25 02:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			02/24/25 15:34	02/25/25 02:28	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		60	mg/Kg		02/25/25 11:26	02/25/25 20:45	20

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Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-47 0'

Lab Sample ID: 885-20271-45

Date Collected: 02/18/25 09:30

Matrix: Solid

Date Received: 02/21/25 08:05

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		5.0	mg/Kg		02/22/25 13:45	02/28/25 05:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		35 - 166			02/22/25 13:45	02/28/25 05:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 13:45	02/28/25 05:47	1
Ethylbenzene	ND		0.050	mg/Kg		02/22/25 13:45	02/28/25 05:47	1
Toluene	ND		0.050	mg/Kg		02/22/25 13:45	02/28/25 05:47	1
Xylenes, Total	ND		0.10	mg/Kg		02/22/25 13:45	02/28/25 05:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			02/22/25 13:45	02/28/25 05:47	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]	ND		9.6	mg/Kg		02/24/25 15:34	02/25/25 02:38	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		02/24/25 15:34	02/25/25 02:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	87		62 - 134			02/24/25 15:34	02/25/25 02:38	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3600		150	mg/Kg		02/25/25 11:26	02/26/25 17:44	50

Eurofins Albuquerque

Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-48 0'

Lab Sample ID: 885-20271-46

Date Collected: 02/18/25 09:35

Matrix: Solid

Date Received: 02/21/25 08:05

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		5.0	mg/Kg		02/22/25 13:45	02/28/25 06:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			02/22/25 13:45	02/28/25 06:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 13:45	02/28/25 06:08	1
Ethylbenzene	ND		0.050	mg/Kg		02/22/25 13:45	02/28/25 06:08	1
Toluene	ND		0.050	mg/Kg		02/22/25 13:45	02/28/25 06:08	1
Xylenes, Total	ND		0.099	mg/Kg		02/22/25 13:45	02/28/25 06:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			02/22/25 13:45	02/28/25 06:08	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]	ND		9.1	mg/Kg		02/24/25 15:34	02/25/25 02:48	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		02/24/25 15:34	02/25/25 02:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	98		62 - 134			02/24/25 15:34	02/25/25 02:48	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3200		150	mg/Kg		02/25/25 11:26	02/26/25 17:54	50

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Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-49 0'

Lab Sample ID: 885-20271-47

Date Collected: 02/18/25 09:40

Matrix: Solid

Date Received: 02/21/25 08:05

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		4.9	mg/Kg		02/22/25 13:45	02/28/25 06:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		35 - 166			02/22/25 13:45	02/28/25 06:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 13:45	02/28/25 06:30	1
Ethylbenzene	ND		0.049	mg/Kg		02/22/25 13:45	02/28/25 06:30	1
Toluene	ND		0.049	mg/Kg		02/22/25 13:45	02/28/25 06:30	1
Xylenes, Total	ND		0.099	mg/Kg		02/22/25 13:45	02/28/25 06:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		48 - 145			02/22/25 13:45	02/28/25 06:30	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]	ND		9.2	mg/Kg		02/24/25 15:34	02/25/25 02:59	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		02/24/25 15:34	02/25/25 02:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	84		62 - 134			02/24/25 15:34	02/25/25 02:59	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4700		150	mg/Kg		02/25/25 11:26	02/26/25 18:04	50

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Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-50 0'

Lab Sample ID: 885-20271-48

Date Collected: 02/18/25 09:45

Matrix: Solid

Date Received: 02/21/25 08:05

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		02/22/25 13:45	02/28/25 06:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		35 - 166			02/22/25 13:45	02/28/25 06:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 13:45	02/28/25 06:52	1
Ethylbenzene	ND		0.048	mg/Kg		02/22/25 13:45	02/28/25 06:52	1
Toluene	ND		0.048	mg/Kg		02/22/25 13:45	02/28/25 06:52	1
Xylenes, Total	ND		0.096	mg/Kg		02/22/25 13:45	02/28/25 06:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			02/22/25 13:45	02/28/25 06:52	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]	ND		9.8	mg/Kg		02/24/25 15:34	02/25/25 03:09	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		02/24/25 15:34	02/25/25 03:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			02/24/25 15:34	02/25/25 03:09	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4700		150	mg/Kg		02/25/25 11:26	02/26/25 18:14	50

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Client Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-51 0'

Lab Sample ID: 885-20271-49

Date Collected: 02/18/25 09:55

Matrix: Solid

Date Received: 02/21/25 08:05

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		02/22/25 13:45	02/28/25 07:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		35 - 166			02/22/25 13:45	02/28/25 07:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		02/22/25 13:45	02/28/25 07:13	1
Ethylbenzene	ND		0.048	mg/Kg		02/22/25 13:45	02/28/25 07:13	1
Toluene	ND		0.048	mg/Kg		02/22/25 13:45	02/28/25 07:13	1
Xylenes, Total	ND		0.096	mg/Kg		02/22/25 13:45	02/28/25 07:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145			02/22/25 13:45	02/28/25 07:13	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]	ND		9.2	mg/Kg		02/24/25 15:34	02/25/25 03:30	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		02/24/25 15:34	02/25/25 03:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	90		62 - 134			02/24/25 15:34	02/25/25 03:30	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		60	mg/Kg		02/25/25 11:27	02/25/25 21:34	20

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QC Sample Results

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

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

Lab Sample ID: MB 885-21260/1-A

Matrix: Solid

Analysis Batch: 21695

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21260

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		02/22/25 11:18	02/28/25 17:09	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		35 - 166			02/22/25 11:18	02/28/25 17:09	1

Lab Sample ID: LCS 885-21260/2-A

Matrix: Solid

Analysis Batch: 21695

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21260

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	26.7		mg/Kg		107	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	197		35 - 166				

Lab Sample ID: 885-20271-1 MS

Matrix: Solid

Analysis Batch: 21695

Client Sample ID: BS25-03 0'

Prep Type: Total/NA

Prep Batch: 21260

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	ND		24.8	27.1		mg/Kg		109	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	187		35 - 166						

Lab Sample ID: 885-20271-1 MSD

Matrix: Solid

Analysis Batch: 21695

Client Sample ID: BS25-03 0'

Prep Type: Total/NA

Prep Batch: 21260

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.8	26.9		mg/Kg		108	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	192		35 - 166								

Lab Sample ID: MB 885-21261/1-A

Matrix: Solid

Analysis Batch: 21802

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21261

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		02/22/25 12:04	03/04/25 11:06	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

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

Lab Sample ID: MB 885-21261/1-A
Matrix: Solid
Analysis Batch: 21802

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21261

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	92		35 - 166	02/22/25 12:04	03/04/25 11:06	1				

Lab Sample ID: LCS 885-21261/2-A
Matrix: Solid
Analysis Batch: 21708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21261

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	25.3		mg/Kg		101	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	190		35 - 166								

Lab Sample ID: 885-20271-21 MS
Matrix: Solid
Analysis Batch: 21708

Client Sample ID: BS25-23 0'
Prep Type: Total/NA
Prep Batch: 21261

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	ND		24.8	21.9		mg/Kg		82	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	178		35 - 166								

Lab Sample ID: 885-20271-21 MSD
Matrix: Solid
Analysis Batch: 21708

Client Sample ID: BS25-23 0'
Prep Type: Total/NA
Prep Batch: 21261

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.8	23.5		mg/Kg		89	70 - 130	7	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	180		35 - 166								

Lab Sample ID: MB 885-21262/1-A
Matrix: Solid
Analysis Batch: 21623

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21262

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		02/22/25 13:45	02/27/25 23:39	1
Surrogate	MB	MB						
	%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)	89		35 - 166			02/22/25 13:45	02/27/25 23:39	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

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

Lab Sample ID: LCS 885-21262/2-A

Matrix: Solid

Analysis Batch: 21623

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21262

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			25.0	24.6		mg/Kg		99	70 - 130		
Surrogate		LCS	LCS								
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	186		35 - 166								

Lab Sample ID: 885-20271-41 MS

Matrix: Solid

Analysis Batch: 21623

Client Sample ID: BS25-43 0'

Prep Type: Total/NA

Prep Batch: 21262

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	ND		24.9	25.7		mg/Kg		104	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	187		35 - 166								

Lab Sample ID: 885-20271-41 MSD

Matrix: Solid

Analysis Batch: 21623

Client Sample ID: BS25-43 0'

Prep Type: Total/NA

Prep Batch: 21262

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	ND		24.8	27.7		mg/Kg		112	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	193		35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-21260/1-A

Matrix: Solid

Analysis Batch: 21696

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21260

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	ND		0.025	mg/Kg		02/22/25 11:18	02/28/25 17:09	1
Ethylbenzene	ND		0.050	mg/Kg		02/22/25 11:18	02/28/25 17:09	1
Toluene	ND		0.050	mg/Kg		02/22/25 11:18	02/28/25 17:09	1
Xylenes, Total	ND		0.10	mg/Kg		02/22/25 11:18	02/28/25 17:09	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier						
4-Bromofluorobenzene (Surr)	86		48 - 145			02/22/25 11:18	02/28/25 17:09	1

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QC Sample Results

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

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

Lab Sample ID: LCS 885-21260/3-A

Matrix: Solid

Analysis Batch: 21696

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21260

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.901		mg/Kg		90	70 - 130
Ethylbenzene	1.00	0.937		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	2.00	1.85		mg/Kg		93	70 - 130
o-Xylene	1.00	0.939		mg/Kg		94	70 - 130
Toluene	1.00	0.904		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		48 - 145

Lab Sample ID: 885-20271-2 MS

Matrix: Solid

Analysis Batch: 21696

Client Sample ID: BS25-04 0'

Prep Type: Total/NA

Prep Batch: 21260

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.994	0.868		mg/Kg		87	70 - 130
Ethylbenzene	ND		0.994	0.896		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	ND		1.99	1.75		mg/Kg		88	70 - 130
o-Xylene	ND		0.994	0.888		mg/Kg		89	70 - 130
Toluene	ND		0.994	0.870		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		48 - 145

Lab Sample ID: 885-20271-2 MSD

Matrix: Solid

Analysis Batch: 21696

Client Sample ID: BS25-04 0'

Prep Type: Total/NA

Prep Batch: 21260

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
										RPD	Limit
Benzene	ND		0.997	0.906		mg/Kg		91	70 - 130	4	20
Ethylbenzene	ND		0.997	0.966		mg/Kg		97	70 - 130	7	20
m-Xylene & p-Xylene	ND		1.99	1.88		mg/Kg		95	70 - 130	7	20
o-Xylene	ND		0.997	0.947		mg/Kg		95	70 - 130	6	20
Toluene	ND		0.997	0.924		mg/Kg		93	70 - 130	6	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		48 - 145

Lab Sample ID: MB 885-21261/1-A

Matrix: Solid

Analysis Batch: 21803

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21261

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 12:04	03/04/25 11:06	1
Ethylbenzene	ND		0.050	mg/Kg		02/22/25 12:04	03/04/25 11:06	1
Toluene	ND		0.050	mg/Kg		02/22/25 12:04	03/04/25 11:06	1
Xylenes, Total	ND		0.10	mg/Kg		02/22/25 12:04	03/04/25 11:06	1

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QC Sample Results

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

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

Lab Sample ID: MB 885-21261/1-A

Matrix: Solid

Analysis Batch: 21803

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21261

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	89		48 - 145	02/22/25 12:04	03/04/25 11:06	1			

Lab Sample ID: LCS 885-21261/3-A

Matrix: Solid

Analysis Batch: 21709

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21261

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene			1.00	0.853		mg/Kg		85	70 - 130		
Ethylbenzene			1.00	0.867		mg/Kg		87	70 - 130		
m-Xylene & p-Xylene			2.00	1.75		mg/Kg		88	70 - 130		
o-Xylene			1.00	0.876		mg/Kg		88	70 - 130		
Toluene			1.00	0.866		mg/Kg		87	70 - 130		

	LCS	LCS		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	88		48 - 145	

Lab Sample ID: 885-20271-22 MS

Matrix: Solid

Analysis Batch: 21709

Client Sample ID: BS25-24 0'

Prep Type: Total/NA

Prep Batch: 21261

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	ND		0.995	0.818		mg/Kg		82	70 - 130		
Ethylbenzene	ND		0.995	0.839		mg/Kg		84	70 - 130		
m-Xylene & p-Xylene	ND		1.99	1.66		mg/Kg		83	70 - 130		
o-Xylene	ND		0.995	0.829		mg/Kg		83	70 - 130		
Toluene	ND		0.995	0.832		mg/Kg		84	70 - 130		

	MS	MS		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	84		48 - 145	

Lab Sample ID: 885-20271-22 MSD

Matrix: Solid

Analysis Batch: 21709

Client Sample ID: BS25-24 0'

Prep Type: Total/NA

Prep Batch: 21261

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	ND		0.994	0.826		mg/Kg		83	70 - 130	1	20	
Ethylbenzene	ND		0.994	0.836		mg/Kg		84	70 - 130	0	20	
m-Xylene & p-Xylene	ND		1.99	1.66		mg/Kg		83	70 - 130	0	20	
o-Xylene	ND		0.994	0.839		mg/Kg		84	70 - 130	1	20	
Toluene	ND		0.994	0.831		mg/Kg		84	70 - 130	0	20	

	MSD	MSD		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	86		48 - 145	

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QC Sample Results

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

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

Lab Sample ID: MB 885-21262/1-A

Matrix: Solid

Analysis Batch: 21624

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21262

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		02/22/25 13:45	02/27/25 23:39	1
Ethylbenzene	ND		0.050	mg/Kg		02/22/25 13:45	02/27/25 23:39	1
Toluene	ND		0.050	mg/Kg		02/22/25 13:45	02/27/25 23:39	1
Xylenes, Total	ND		0.10	mg/Kg		02/22/25 13:45	02/27/25 23:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145	02/22/25 13:45	02/27/25 23:39	1

Lab Sample ID: LCS 885-21262/3-A

Matrix: Solid

Analysis Batch: 21624

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.882		mg/Kg		88	70 - 130
Ethylbenzene	1.00	0.918		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	2.00	1.82		mg/Kg		91	70 - 130
o-Xylene	1.00	0.933		mg/Kg		93	70 - 130
Toluene	1.00	0.894		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		48 - 145

Lab Sample ID: 885-20271-42 MS

Matrix: Solid

Analysis Batch: 21624

Client Sample ID: BS25-44 0'

Prep Type: Total/NA

Prep Batch: 21262

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.996	0.870		mg/Kg		87	70 - 130
Ethylbenzene	ND		0.996	0.913		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	ND		1.99	1.79		mg/Kg		90	70 - 130
o-Xylene	ND		0.996	0.915		mg/Kg		92	70 - 130
Toluene	ND		0.996	0.880		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		48 - 145

Lab Sample ID: 885-20271-42 MSD

Matrix: Solid

Analysis Batch: 21624

Client Sample ID: BS25-44 0'

Prep Type: Total/NA

Prep Batch: 21262

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.998	0.895		mg/Kg		90	70 - 130	3	20
Ethylbenzene	ND		0.998	0.927		mg/Kg		93	70 - 130	1	20
m-Xylene & p-Xylene	ND		2.00	1.86		mg/Kg		93	70 - 130	4	20
o-Xylene	ND		0.998	0.929		mg/Kg		93	70 - 130	2	20
Toluene	ND		0.998	0.901		mg/Kg		90	70 - 130	2	20

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QC Sample Results

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

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

Lab Sample ID: 885-20271-42 MSD

Matrix: Solid

Analysis Batch: 21624

Client Sample ID: BS25-44 0'

Prep Type: Total/NA

Prep Batch: 21262

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		48 - 145

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

Lab Sample ID: MB 885-21338/1-A

Matrix: Solid

Analysis Batch: 21472

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21338

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		02/24/25 15:28	02/26/25 18:20	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		02/24/25 15:28	02/26/25 18:20	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			02/24/25 15:28	02/26/25 18:20	1

Lab Sample ID: LCS 885-21338/2-A

Matrix: Solid

Analysis Batch: 21472

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21338

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	54.7		mg/Kg		109	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	80		62 - 134				

Lab Sample ID: 885-20271-1 MS

Matrix: Solid

Analysis Batch: 21472

Client Sample ID: BS25-03 0'

Prep Type: Total/NA

Prep Batch: 21338

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	690		48.3	721	4	mg/Kg		61	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	86		62 - 134						

Lab Sample ID: 885-20271-1 MSD

Matrix: Solid

Analysis Batch: 21472

Client Sample ID: BS25-03 0'

Prep Type: Total/NA

Prep Batch: 21338

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	690		49.4	749	4	mg/Kg		118	44 - 136	4	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	84		62 - 134								

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

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

Lab Sample ID: MB 885-21340/1-A

Matrix: Solid

Analysis Batch: 21425

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21340

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		02/24/25 15:32	02/26/25 06:55	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		02/24/25 15:32	02/26/25 06:55	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	85		62 - 134			02/24/25 15:32	02/26/25 06:55	1

Lab Sample ID: LCS 885-21340/2-A

Matrix: Solid

Analysis Batch: 21425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21340

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	45.2		mg/Kg		90	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	72		62 - 134				

Lab Sample ID: 885-20271-40 MS

Matrix: Solid

Analysis Batch: 21425

Client Sample ID: BS25-42 0'

Prep Type: Total/NA

Prep Batch: 21340

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		49.0	47.5		mg/Kg		97	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	80		62 - 134						

Lab Sample ID: 885-20271-40 MSD

Matrix: Solid

Analysis Batch: 21425

Client Sample ID: BS25-42 0'

Prep Type: Total/NA

Prep Batch: 21340

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		49.7	48.1		mg/Kg		97	44 - 136	1	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	78		62 - 134								

Lab Sample ID: MB 885-21342/1-A

Matrix: Solid

Analysis Batch: 21272

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21342

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		02/24/25 15:34	02/25/25 01:35	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		02/24/25 15:34	02/25/25 01:35	1

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QC Sample Results

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

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

Lab Sample ID: MB 885-21342/1-A

Matrix: Solid

Analysis Batch: 21272

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21342

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
Di-n-octyl phthalate (Surr)	94		62 - 134	02/24/25 15:34	02/25/25 01:35	1			

Lab Sample ID: LCS 885-21342/2-A

Matrix: Solid

Analysis Batch: 21272

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21342

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Diesel Range Organics [C10-C28]			50.0	47.6		mg/Kg		95	60 - 135	
Surrogate	LCS	LCS								
%Recovery	Qualifier	Limits								
Di-n-octyl phthalate (Surr)	74		62 - 134							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-21310/1-A

Matrix: Solid

Analysis Batch: 21296

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21310

	MB	MB								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	ND		3.0	mg/Kg		02/24/25 12:08	02/24/25 17:37	1		

Lab Sample ID: LCS 885-21310/2-A

Matrix: Solid

Analysis Batch: 21296

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21310

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride			30.0	29.5		mg/Kg		98	90 - 110	

Lab Sample ID: 885-20271-1 MS

Matrix: Solid

Analysis Batch: 21296

Client Sample ID: BS25-03 0'

Prep Type: Total/NA

Prep Batch: 21310

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	590		29.9	612	4	mg/Kg		78	50 - 150	

Lab Sample ID: 885-20271-1 MSD

Matrix: Solid

Analysis Batch: 21296

Client Sample ID: BS25-03 0'

Prep Type: Total/NA

Prep Batch: 21310

	Sample	Sample	Spike	MSD	MSD				%Rec	RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD Limit
Chloride	590		30.1	628	4	mg/Kg		133	50 - 150	3 20

Lab Sample ID: MB 885-21341/1-A

Matrix: Solid

Analysis Batch: 21379

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21341

	MB	MB								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	ND		3.0	mg/Kg		02/24/25 15:32	02/25/25 10:28	1		

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QC Sample Results

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-21341/2-A

Matrix: Solid

Analysis Batch: 21379

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21341

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	29.5		mg/Kg		98	90 - 110

Lab Sample ID: 885-20271-21 MS

Matrix: Solid

Analysis Batch: 21379

Client Sample ID: BS25-23 0'

Prep Type: Total/NA

Prep Batch: 21341

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1500		29.9	1530	4	mg/Kg		125	50 - 150

Lab Sample ID: 885-20271-21 MSD

Matrix: Solid

Analysis Batch: 21379

Client Sample ID: BS25-23 0'

Prep Type: Total/NA

Prep Batch: 21341

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1500		30.2	1530	4	mg/Kg		144	50 - 150	0	20

Lab Sample ID: MB 885-21404/1-A

Matrix: Solid

Analysis Batch: 21379

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21404

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0	mg/Kg		02/25/25 11:26	02/25/25 15:30	1

Lab Sample ID: LCS 885-21404/2-A

Matrix: Solid

Analysis Batch: 21379

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	29.5		mg/Kg		98	90 - 110

Lab Sample ID: MRL 885-21404/3-A

Matrix: Solid

Analysis Batch: 21379

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21404

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3.00	3.18		mg/L		106	50 - 150

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

GC VOA

Prep Batch: 21260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-1	BS25-03 0'	Total/NA	Solid	5030C	
885-20271-2	BS25-04 0'	Total/NA	Solid	5030C	
885-20271-3	BS25-05 0'	Total/NA	Solid	5030C	
885-20271-4	BS25-06 0'	Total/NA	Solid	5030C	
885-20271-5	BS25-07 0'	Total/NA	Solid	5030C	
885-20271-6	BS25-08 0'	Total/NA	Solid	5030C	
885-20271-7	BS25-09 0'	Total/NA	Solid	5030C	
885-20271-8	BS25-10 0'	Total/NA	Solid	5030C	
885-20271-9	BS25-11 0'	Total/NA	Solid	5030C	
885-20271-10	BS25-12 0'	Total/NA	Solid	5030C	
885-20271-11	BS25-13 0'	Total/NA	Solid	5030C	
885-20271-12	BS25-14 0'	Total/NA	Solid	5030C	
885-20271-13	BS25-15 0'	Total/NA	Solid	5030C	
885-20271-14	BS25-16 0'	Total/NA	Solid	5030C	
885-20271-15	BS25-17 0'	Total/NA	Solid	5030C	
885-20271-16	BS25-18 0'	Total/NA	Solid	5030C	
885-20271-17	BS25-19 0'	Total/NA	Solid	5030C	
885-20271-18	BS25-20 0'	Total/NA	Solid	5030C	
885-20271-19	BS25-21 0'	Total/NA	Solid	5030C	
885-20271-20	BS25-22 0'	Total/NA	Solid	5030C	
MB 885-21260/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-21260/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-21260/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-20271-1 MS	BS25-03 0'	Total/NA	Solid	5030C	
885-20271-1 MSD	BS25-03 0'	Total/NA	Solid	5030C	
885-20271-2 MS	BS25-04 0'	Total/NA	Solid	5030C	
885-20271-2 MSD	BS25-04 0'	Total/NA	Solid	5030C	

Prep Batch: 21261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-21	BS25-23 0'	Total/NA	Solid	5030C	
885-20271-22	BS25-24 0'	Total/NA	Solid	5030C	
885-20271-23	BS25-25 0'	Total/NA	Solid	5030C	
885-20271-24	BS25-26 0'	Total/NA	Solid	5030C	
885-20271-25	BS25-27 0'	Total/NA	Solid	5030C	
885-20271-26	BS25-28 0'	Total/NA	Solid	5030C	
885-20271-27	BS25-29 0'	Total/NA	Solid	5030C	
885-20271-28	BS25-30 0'	Total/NA	Solid	5030C	
885-20271-29	BS25-31 0'	Total/NA	Solid	5030C	
885-20271-30	BS25-32 0'	Total/NA	Solid	5030C	
885-20271-31	BS25-33 0'	Total/NA	Solid	5030C	
885-20271-32	BS25-34 0'	Total/NA	Solid	5030C	
885-20271-33	BS25-35 0'	Total/NA	Solid	5030C	
885-20271-34	BS25-36 0'	Total/NA	Solid	5030C	
885-20271-35	BS25-37 0'	Total/NA	Solid	5030C	
885-20271-36	BS25-38 0'	Total/NA	Solid	5030C	
885-20271-37	BS25-39 0'	Total/NA	Solid	5030C	
885-20271-38	BS25-40 0'	Total/NA	Solid	5030C	
885-20271-39	BS25-41 0'	Total/NA	Solid	5030C	
885-20271-40	BS25-42 0'	Total/NA	Solid	5030C	
MB 885-21261/1-A	Method Blank	Total/NA	Solid	5030C	

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QC Association Summary

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

GC VOA (Continued)

Prep Batch: 21261 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-21261/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-21261/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-20271-21 MS	BS25-23 0'	Total/NA	Solid	5030C	
885-20271-21 MSD	BS25-23 0'	Total/NA	Solid	5030C	
885-20271-22 MS	BS25-24 0'	Total/NA	Solid	5030C	
885-20271-22 MSD	BS25-24 0'	Total/NA	Solid	5030C	

Prep Batch: 21262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-41	BS25-43 0'	Total/NA	Solid	5030C	
885-20271-42	BS25-44 0'	Total/NA	Solid	5030C	
885-20271-43	BS25-45 0'	Total/NA	Solid	5030C	
885-20271-44	BS25-46 0'	Total/NA	Solid	5030C	
885-20271-45	BS25-47 0'	Total/NA	Solid	5030C	
885-20271-46	BS25-48 0'	Total/NA	Solid	5030C	
885-20271-47	BS25-49 0'	Total/NA	Solid	5030C	
885-20271-48	BS25-50 0'	Total/NA	Solid	5030C	
885-20271-49	BS25-51 0'	Total/NA	Solid	5030C	
MB 885-21262/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-21262/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-21262/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-20271-41 MS	BS25-43 0'	Total/NA	Solid	5030C	
885-20271-41 MSD	BS25-43 0'	Total/NA	Solid	5030C	
885-20271-42 MS	BS25-44 0'	Total/NA	Solid	5030C	
885-20271-42 MSD	BS25-44 0'	Total/NA	Solid	5030C	

Analysis Batch: 21623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-41	BS25-43 0'	Total/NA	Solid	8015M/D	21262
885-20271-42	BS25-44 0'	Total/NA	Solid	8015M/D	21262
885-20271-43	BS25-45 0'	Total/NA	Solid	8015M/D	21262
885-20271-44	BS25-46 0'	Total/NA	Solid	8015M/D	21262
885-20271-45	BS25-47 0'	Total/NA	Solid	8015M/D	21262
885-20271-46	BS25-48 0'	Total/NA	Solid	8015M/D	21262
885-20271-47	BS25-49 0'	Total/NA	Solid	8015M/D	21262
885-20271-48	BS25-50 0'	Total/NA	Solid	8015M/D	21262
885-20271-49	BS25-51 0'	Total/NA	Solid	8015M/D	21262
MB 885-21262/1-A	Method Blank	Total/NA	Solid	8015M/D	21262
LCS 885-21262/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	21262
885-20271-41 MS	BS25-43 0'	Total/NA	Solid	8015M/D	21262
885-20271-41 MSD	BS25-43 0'	Total/NA	Solid	8015M/D	21262

Analysis Batch: 21624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-41	BS25-43 0'	Total/NA	Solid	8021B	21262
885-20271-42	BS25-44 0'	Total/NA	Solid	8021B	21262
885-20271-43	BS25-45 0'	Total/NA	Solid	8021B	21262
885-20271-44	BS25-46 0'	Total/NA	Solid	8021B	21262
885-20271-45	BS25-47 0'	Total/NA	Solid	8021B	21262
885-20271-46	BS25-48 0'	Total/NA	Solid	8021B	21262
885-20271-47	BS25-49 0'	Total/NA	Solid	8021B	21262

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

GC VOA (Continued)

Analysis Batch: 21624 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-48	BS25-50 0'	Total/NA	Solid	8021B	21262
885-20271-49	BS25-51 0'	Total/NA	Solid	8021B	21262
MB 885-21262/1-A	Method Blank	Total/NA	Solid	8021B	21262
LCS 885-21262/3-A	Lab Control Sample	Total/NA	Solid	8021B	21262
885-20271-42 MS	BS25-44 0'	Total/NA	Solid	8021B	21262
885-20271-42 MSD	BS25-44 0'	Total/NA	Solid	8021B	21262

Analysis Batch: 21695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-1	BS25-03 0'	Total/NA	Solid	8015M/D	21260
885-20271-2	BS25-04 0'	Total/NA	Solid	8015M/D	21260
885-20271-3	BS25-05 0'	Total/NA	Solid	8015M/D	21260
885-20271-4	BS25-06 0'	Total/NA	Solid	8015M/D	21260
885-20271-5	BS25-07 0'	Total/NA	Solid	8015M/D	21260
885-20271-6	BS25-08 0'	Total/NA	Solid	8015M/D	21260
885-20271-7	BS25-09 0'	Total/NA	Solid	8015M/D	21260
885-20271-8	BS25-10 0'	Total/NA	Solid	8015M/D	21260
885-20271-9	BS25-11 0'	Total/NA	Solid	8015M/D	21260
885-20271-10	BS25-12 0'	Total/NA	Solid	8015M/D	21260
885-20271-11	BS25-13 0'	Total/NA	Solid	8015M/D	21260
885-20271-12	BS25-14 0'	Total/NA	Solid	8015M/D	21260
885-20271-13	BS25-15 0'	Total/NA	Solid	8015M/D	21260
885-20271-14	BS25-16 0'	Total/NA	Solid	8015M/D	21260
885-20271-15	BS25-17 0'	Total/NA	Solid	8015M/D	21260
885-20271-16	BS25-18 0'	Total/NA	Solid	8015M/D	21260
885-20271-17	BS25-19 0'	Total/NA	Solid	8015M/D	21260
885-20271-18	BS25-20 0'	Total/NA	Solid	8015M/D	21260
885-20271-19	BS25-21 0'	Total/NA	Solid	8015M/D	21260
885-20271-20	BS25-22 0'	Total/NA	Solid	8015M/D	21260
MB 885-21260/1-A	Method Blank	Total/NA	Solid	8015M/D	21260
LCS 885-21260/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	21260
885-20271-1 MS	BS25-03 0'	Total/NA	Solid	8015M/D	21260
885-20271-1 MSD	BS25-03 0'	Total/NA	Solid	8015M/D	21260

Analysis Batch: 21696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-1	BS25-03 0'	Total/NA	Solid	8021B	21260
885-20271-2	BS25-04 0'	Total/NA	Solid	8021B	21260
885-20271-3	BS25-05 0'	Total/NA	Solid	8021B	21260
885-20271-4	BS25-06 0'	Total/NA	Solid	8021B	21260
885-20271-5	BS25-07 0'	Total/NA	Solid	8021B	21260
885-20271-6	BS25-08 0'	Total/NA	Solid	8021B	21260
885-20271-7	BS25-09 0'	Total/NA	Solid	8021B	21260
885-20271-8	BS25-10 0'	Total/NA	Solid	8021B	21260
885-20271-9	BS25-11 0'	Total/NA	Solid	8021B	21260
885-20271-10	BS25-12 0'	Total/NA	Solid	8021B	21260
885-20271-11	BS25-13 0'	Total/NA	Solid	8021B	21260
885-20271-12	BS25-14 0'	Total/NA	Solid	8021B	21260
885-20271-13	BS25-15 0'	Total/NA	Solid	8021B	21260
885-20271-14	BS25-16 0'	Total/NA	Solid	8021B	21260
885-20271-15	BS25-17 0'	Total/NA	Solid	8021B	21260

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

GC VOA (Continued)

Analysis Batch: 21696 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-16	BS25-18 0'	Total/NA	Solid	8021B	21260
885-20271-17	BS25-19 0'	Total/NA	Solid	8021B	21260
885-20271-18	BS25-20 0'	Total/NA	Solid	8021B	21260
885-20271-19	BS25-21 0'	Total/NA	Solid	8021B	21260
885-20271-20	BS25-22 0'	Total/NA	Solid	8021B	21260
MB 885-21260/1-A	Method Blank	Total/NA	Solid	8021B	21260
LCS 885-21260/3-A	Lab Control Sample	Total/NA	Solid	8021B	21260
885-20271-2 MS	BS25-04 0'	Total/NA	Solid	8021B	21260
885-20271-2 MSD	BS25-04 0'	Total/NA	Solid	8021B	21260

Analysis Batch: 21708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-21	BS25-23 0'	Total/NA	Solid	8015M/D	21261
885-20271-22	BS25-24 0'	Total/NA	Solid	8015M/D	21261
885-20271-23	BS25-25 0'	Total/NA	Solid	8015M/D	21261
885-20271-24	BS25-26 0'	Total/NA	Solid	8015M/D	21261
885-20271-25	BS25-27 0'	Total/NA	Solid	8015M/D	21261
885-20271-26	BS25-28 0'	Total/NA	Solid	8015M/D	21261
885-20271-27	BS25-29 0'	Total/NA	Solid	8015M/D	21261
885-20271-28	BS25-30 0'	Total/NA	Solid	8015M/D	21261
885-20271-29	BS25-31 0'	Total/NA	Solid	8015M/D	21261
885-20271-30	BS25-32 0'	Total/NA	Solid	8015M/D	21261
885-20271-31	BS25-33 0'	Total/NA	Solid	8015M/D	21261
885-20271-32	BS25-34 0'	Total/NA	Solid	8015M/D	21261
885-20271-33	BS25-35 0'	Total/NA	Solid	8015M/D	21261
885-20271-34	BS25-36 0'	Total/NA	Solid	8015M/D	21261
885-20271-35	BS25-37 0'	Total/NA	Solid	8015M/D	21261
885-20271-36	BS25-38 0'	Total/NA	Solid	8015M/D	21261
885-20271-37	BS25-39 0'	Total/NA	Solid	8015M/D	21261
885-20271-38	BS25-40 0'	Total/NA	Solid	8015M/D	21261
885-20271-39	BS25-41 0'	Total/NA	Solid	8015M/D	21261
885-20271-40	BS25-42 0'	Total/NA	Solid	8015M/D	21261
LCS 885-21261/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	21261
885-20271-21 MS	BS25-23 0'	Total/NA	Solid	8015M/D	21261
885-20271-21 MSD	BS25-23 0'	Total/NA	Solid	8015M/D	21261

Analysis Batch: 21709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-21	BS25-23 0'	Total/NA	Solid	8021B	21261
885-20271-22	BS25-24 0'	Total/NA	Solid	8021B	21261
885-20271-23	BS25-25 0'	Total/NA	Solid	8021B	21261
885-20271-24	BS25-26 0'	Total/NA	Solid	8021B	21261
885-20271-25	BS25-27 0'	Total/NA	Solid	8021B	21261
885-20271-26	BS25-28 0'	Total/NA	Solid	8021B	21261
885-20271-27	BS25-29 0'	Total/NA	Solid	8021B	21261
885-20271-28	BS25-30 0'	Total/NA	Solid	8021B	21261
885-20271-29	BS25-31 0'	Total/NA	Solid	8021B	21261
885-20271-30	BS25-32 0'	Total/NA	Solid	8021B	21261
885-20271-31	BS25-33 0'	Total/NA	Solid	8021B	21261
885-20271-32	BS25-34 0'	Total/NA	Solid	8021B	21261
885-20271-33	BS25-35 0'	Total/NA	Solid	8021B	21261

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

GC VOA (Continued)

Analysis Batch: 21709 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-34	BS25-36 0'	Total/NA	Solid	8021B	21261
885-20271-35	BS25-37 0'	Total/NA	Solid	8021B	21261
885-20271-36	BS25-38 0'	Total/NA	Solid	8021B	21261
885-20271-37	BS25-39 0'	Total/NA	Solid	8021B	21261
885-20271-38	BS25-40 0'	Total/NA	Solid	8021B	21261
885-20271-39	BS25-41 0'	Total/NA	Solid	8021B	21261
885-20271-40	BS25-42 0'	Total/NA	Solid	8021B	21261
LCS 885-21261/3-A	Lab Control Sample	Total/NA	Solid	8021B	21261
885-20271-22 MS	BS25-24 0'	Total/NA	Solid	8021B	21261
885-20271-22 MSD	BS25-24 0'	Total/NA	Solid	8021B	21261

Analysis Batch: 21802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-21261/1-A	Method Blank	Total/NA	Solid	8015M/D	21261

Analysis Batch: 21803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-21261/1-A	Method Blank	Total/NA	Solid	8021B	21261

GC Semi VOA

Analysis Batch: 21272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-41	BS25-43 0'	Total/NA	Solid	8015M/D	21342
885-20271-42	BS25-44 0'	Total/NA	Solid	8015M/D	21342
885-20271-43	BS25-45 0'	Total/NA	Solid	8015M/D	21342
885-20271-44	BS25-46 0'	Total/NA	Solid	8015M/D	21342
885-20271-45	BS25-47 0'	Total/NA	Solid	8015M/D	21342
885-20271-46	BS25-48 0'	Total/NA	Solid	8015M/D	21342
885-20271-47	BS25-49 0'	Total/NA	Solid	8015M/D	21342
885-20271-48	BS25-50 0'	Total/NA	Solid	8015M/D	21342
885-20271-49	BS25-51 0'	Total/NA	Solid	8015M/D	21342
MB 885-21342/1-A	Method Blank	Total/NA	Solid	8015M/D	21342
LCS 885-21342/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	21342

Prep Batch: 21338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-1	BS25-03 0'	Total/NA	Solid	SHAKE	
885-20271-2	BS25-04 0'	Total/NA	Solid	SHAKE	
885-20271-3	BS25-05 0'	Total/NA	Solid	SHAKE	
885-20271-4	BS25-06 0'	Total/NA	Solid	SHAKE	
885-20271-5	BS25-07 0'	Total/NA	Solid	SHAKE	
885-20271-6	BS25-08 0'	Total/NA	Solid	SHAKE	
885-20271-7	BS25-09 0'	Total/NA	Solid	SHAKE	
885-20271-8	BS25-10 0'	Total/NA	Solid	SHAKE	
885-20271-9	BS25-11 0'	Total/NA	Solid	SHAKE	
885-20271-10	BS25-12 0'	Total/NA	Solid	SHAKE	
885-20271-11	BS25-13 0'	Total/NA	Solid	SHAKE	
885-20271-12	BS25-14 0'	Total/NA	Solid	SHAKE	
885-20271-13	BS25-15 0'	Total/NA	Solid	SHAKE	
885-20271-14	BS25-16 0'	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

GC Semi VOA (Continued)

Prep Batch: 21338 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-15	BS25-17 0'	Total/NA	Solid	SHAKE	
885-20271-16	BS25-18 0'	Total/NA	Solid	SHAKE	
885-20271-17	BS25-19 0'	Total/NA	Solid	SHAKE	
885-20271-18	BS25-20 0'	Total/NA	Solid	SHAKE	
885-20271-19	BS25-21 0'	Total/NA	Solid	SHAKE	
885-20271-20	BS25-22 0'	Total/NA	Solid	SHAKE	
MB 885-21338/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-21338/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-20271-1 MS	BS25-03 0'	Total/NA	Solid	SHAKE	
885-20271-1 MSD	BS25-03 0'	Total/NA	Solid	SHAKE	

Prep Batch: 21340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-21	BS25-23 0'	Total/NA	Solid	SHAKE	
885-20271-22	BS25-24 0'	Total/NA	Solid	SHAKE	
885-20271-23	BS25-25 0'	Total/NA	Solid	SHAKE	
885-20271-24	BS25-26 0'	Total/NA	Solid	SHAKE	
885-20271-25	BS25-27 0'	Total/NA	Solid	SHAKE	
885-20271-26	BS25-28 0'	Total/NA	Solid	SHAKE	
885-20271-27	BS25-29 0'	Total/NA	Solid	SHAKE	
885-20271-28	BS25-30 0'	Total/NA	Solid	SHAKE	
885-20271-29	BS25-31 0'	Total/NA	Solid	SHAKE	
885-20271-30	BS25-32 0'	Total/NA	Solid	SHAKE	
885-20271-31	BS25-33 0'	Total/NA	Solid	SHAKE	
885-20271-32	BS25-34 0'	Total/NA	Solid	SHAKE	
885-20271-33	BS25-35 0'	Total/NA	Solid	SHAKE	
885-20271-34	BS25-36 0'	Total/NA	Solid	SHAKE	
885-20271-35	BS25-37 0'	Total/NA	Solid	SHAKE	
885-20271-36	BS25-38 0'	Total/NA	Solid	SHAKE	
885-20271-37	BS25-39 0'	Total/NA	Solid	SHAKE	
885-20271-38	BS25-40 0'	Total/NA	Solid	SHAKE	
885-20271-39	BS25-41 0'	Total/NA	Solid	SHAKE	
885-20271-40	BS25-42 0'	Total/NA	Solid	SHAKE	
MB 885-21340/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-21340/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-20271-40 MS	BS25-42 0'	Total/NA	Solid	SHAKE	
885-20271-40 MSD	BS25-42 0'	Total/NA	Solid	SHAKE	

Prep Batch: 21342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-41	BS25-43 0'	Total/NA	Solid	SHAKE	
885-20271-42	BS25-44 0'	Total/NA	Solid	SHAKE	
885-20271-43	BS25-45 0'	Total/NA	Solid	SHAKE	
885-20271-44	BS25-46 0'	Total/NA	Solid	SHAKE	
885-20271-45	BS25-47 0'	Total/NA	Solid	SHAKE	
885-20271-46	BS25-48 0'	Total/NA	Solid	SHAKE	
885-20271-47	BS25-49 0'	Total/NA	Solid	SHAKE	
885-20271-48	BS25-50 0'	Total/NA	Solid	SHAKE	
885-20271-49	BS25-51 0'	Total/NA	Solid	SHAKE	
MB 885-21342/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-21342/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

GC Semi VOA

Analysis Batch: 21425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-21	BS25-23 0'	Total/NA	Solid	8015M/D	21340
885-20271-22	BS25-24 0'	Total/NA	Solid	8015M/D	21340
885-20271-27	BS25-29 0'	Total/NA	Solid	8015M/D	21340
885-20271-28	BS25-30 0'	Total/NA	Solid	8015M/D	21340
885-20271-29	BS25-31 0'	Total/NA	Solid	8015M/D	21340
885-20271-30	BS25-32 0'	Total/NA	Solid	8015M/D	21340
885-20271-31	BS25-33 0'	Total/NA	Solid	8015M/D	21340
885-20271-32	BS25-34 0'	Total/NA	Solid	8015M/D	21340
885-20271-33	BS25-35 0'	Total/NA	Solid	8015M/D	21340
885-20271-34	BS25-36 0'	Total/NA	Solid	8015M/D	21340
885-20271-35	BS25-37 0'	Total/NA	Solid	8015M/D	21340
885-20271-36	BS25-38 0'	Total/NA	Solid	8015M/D	21340
885-20271-37	BS25-39 0'	Total/NA	Solid	8015M/D	21340
885-20271-38	BS25-40 0'	Total/NA	Solid	8015M/D	21340
885-20271-39	BS25-41 0'	Total/NA	Solid	8015M/D	21340
885-20271-40	BS25-42 0'	Total/NA	Solid	8015M/D	21340
MB 885-21340/1-A	Method Blank	Total/NA	Solid	8015M/D	21340
LCS 885-21340/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	21340
885-20271-40 MS	BS25-42 0'	Total/NA	Solid	8015M/D	21340
885-20271-40 MSD	BS25-42 0'	Total/NA	Solid	8015M/D	21340

Analysis Batch: 21472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-1	BS25-03 0'	Total/NA	Solid	8015M/D	21338
885-20271-2	BS25-04 0'	Total/NA	Solid	8015M/D	21338
885-20271-3	BS25-05 0'	Total/NA	Solid	8015M/D	21338
885-20271-4	BS25-06 0'	Total/NA	Solid	8015M/D	21338
885-20271-5	BS25-07 0'	Total/NA	Solid	8015M/D	21338
885-20271-6	BS25-08 0'	Total/NA	Solid	8015M/D	21338
885-20271-7	BS25-09 0'	Total/NA	Solid	8015M/D	21338
885-20271-8	BS25-10 0'	Total/NA	Solid	8015M/D	21338
885-20271-9	BS25-11 0'	Total/NA	Solid	8015M/D	21338
885-20271-10	BS25-12 0'	Total/NA	Solid	8015M/D	21338
885-20271-11	BS25-13 0'	Total/NA	Solid	8015M/D	21338
885-20271-12	BS25-14 0'	Total/NA	Solid	8015M/D	21338
885-20271-13	BS25-15 0'	Total/NA	Solid	8015M/D	21338
885-20271-14	BS25-16 0'	Total/NA	Solid	8015M/D	21338
885-20271-15	BS25-17 0'	Total/NA	Solid	8015M/D	21338
885-20271-16	BS25-18 0'	Total/NA	Solid	8015M/D	21338
885-20271-17	BS25-19 0'	Total/NA	Solid	8015M/D	21338
885-20271-18	BS25-20 0'	Total/NA	Solid	8015M/D	21338
885-20271-19	BS25-21 0'	Total/NA	Solid	8015M/D	21338
885-20271-20	BS25-22 0'	Total/NA	Solid	8015M/D	21338
MB 885-21338/1-A	Method Blank	Total/NA	Solid	8015M/D	21338
LCS 885-21338/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	21338
885-20271-1 MS	BS25-03 0'	Total/NA	Solid	8015M/D	21338
885-20271-1 MSD	BS25-03 0'	Total/NA	Solid	8015M/D	21338

Analysis Batch: 21650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-23	BS25-25 0'	Total/NA	Solid	8015M/D	21340

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

GC Semi VOA (Continued)

Analysis Batch: 21650 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-24	BS25-26 0'	Total/NA	Solid	8015M/D	21340
885-20271-25	BS25-27 0'	Total/NA	Solid	8015M/D	21340
885-20271-26	BS25-28 0'	Total/NA	Solid	8015M/D	21340

HPLC/IC

Analysis Batch: 21296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-1	BS25-03 0'	Total/NA	Solid	300.0	21310
885-20271-3	BS25-05 0'	Total/NA	Solid	300.0	21310
885-20271-4	BS25-06 0'	Total/NA	Solid	300.0	21310
885-20271-5	BS25-07 0'	Total/NA	Solid	300.0	21310
885-20271-6	BS25-08 0'	Total/NA	Solid	300.0	21310
885-20271-7	BS25-09 0'	Total/NA	Solid	300.0	21310
885-20271-8	BS25-10 0'	Total/NA	Solid	300.0	21310
885-20271-9	BS25-11 0'	Total/NA	Solid	300.0	21310
885-20271-10	BS25-12 0'	Total/NA	Solid	300.0	21310
885-20271-11	BS25-13 0'	Total/NA	Solid	300.0	21310
885-20271-12	BS25-14 0'	Total/NA	Solid	300.0	21310
885-20271-13	BS25-15 0'	Total/NA	Solid	300.0	21310
885-20271-14	BS25-16 0'	Total/NA	Solid	300.0	21310
885-20271-16	BS25-18 0'	Total/NA	Solid	300.0	21310
885-20271-18	BS25-20 0'	Total/NA	Solid	300.0	21310
885-20271-19	BS25-21 0'	Total/NA	Solid	300.0	21310
885-20271-20	BS25-22 0'	Total/NA	Solid	300.0	21310
MB 885-21310/1-A	Method Blank	Total/NA	Solid	300.0	21310
LCS 885-21310/2-A	Lab Control Sample	Total/NA	Solid	300.0	21310
885-20271-1 MS	BS25-03 0'	Total/NA	Solid	300.0	21310
885-20271-1 MSD	BS25-03 0'	Total/NA	Solid	300.0	21310

Prep Batch: 21310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-1	BS25-03 0'	Total/NA	Solid	300_Prep	
885-20271-2	BS25-04 0'	Total/NA	Solid	300_Prep	
885-20271-3	BS25-05 0'	Total/NA	Solid	300_Prep	
885-20271-4	BS25-06 0'	Total/NA	Solid	300_Prep	
885-20271-5	BS25-07 0'	Total/NA	Solid	300_Prep	
885-20271-6	BS25-08 0'	Total/NA	Solid	300_Prep	
885-20271-7	BS25-09 0'	Total/NA	Solid	300_Prep	
885-20271-8	BS25-10 0'	Total/NA	Solid	300_Prep	
885-20271-9	BS25-11 0'	Total/NA	Solid	300_Prep	
885-20271-10	BS25-12 0'	Total/NA	Solid	300_Prep	
885-20271-11	BS25-13 0'	Total/NA	Solid	300_Prep	
885-20271-12	BS25-14 0'	Total/NA	Solid	300_Prep	
885-20271-13	BS25-15 0'	Total/NA	Solid	300_Prep	
885-20271-14	BS25-16 0'	Total/NA	Solid	300_Prep	
885-20271-15	BS25-17 0'	Total/NA	Solid	300_Prep	
885-20271-16	BS25-18 0'	Total/NA	Solid	300_Prep	
885-20271-17	BS25-19 0'	Total/NA	Solid	300_Prep	
885-20271-18	BS25-20 0'	Total/NA	Solid	300_Prep	
885-20271-19	BS25-21 0'	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

HPLC/IC (Continued)

Prep Batch: 21310 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-20	BS25-22 0'	Total/NA	Solid	300_Prep	
MB 885-21310/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-21310/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-20271-1 MS	BS25-03 0'	Total/NA	Solid	300_Prep	
885-20271-1 MSD	BS25-03 0'	Total/NA	Solid	300_Prep	

Prep Batch: 21341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-21	BS25-23 0'	Total/NA	Solid	300_Prep	
885-20271-22	BS25-24 0'	Total/NA	Solid	300_Prep	
885-20271-23	BS25-25 0'	Total/NA	Solid	300_Prep	
885-20271-24	BS25-26 0'	Total/NA	Solid	300_Prep	
885-20271-25	BS25-27 0'	Total/NA	Solid	300_Prep	
885-20271-26	BS25-28 0'	Total/NA	Solid	300_Prep	
885-20271-27	BS25-29 0'	Total/NA	Solid	300_Prep	
885-20271-28	BS25-30 0'	Total/NA	Solid	300_Prep	
885-20271-29	BS25-31 0'	Total/NA	Solid	300_Prep	
885-20271-30	BS25-32 0'	Total/NA	Solid	300_Prep	
885-20271-31	BS25-33 0'	Total/NA	Solid	300_Prep	
885-20271-32	BS25-34 0'	Total/NA	Solid	300_Prep	
885-20271-33	BS25-35 0'	Total/NA	Solid	300_Prep	
885-20271-34	BS25-36 0'	Total/NA	Solid	300_Prep	
885-20271-35	BS25-37 0'	Total/NA	Solid	300_Prep	
885-20271-36	BS25-38 0'	Total/NA	Solid	300_Prep	
885-20271-37	BS25-39 0'	Total/NA	Solid	300_Prep	
885-20271-38	BS25-40 0'	Total/NA	Solid	300_Prep	
885-20271-39	BS25-41 0'	Total/NA	Solid	300_Prep	
885-20271-40	BS25-42 0'	Total/NA	Solid	300_Prep	
MB 885-21341/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-21341/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-20271-21 MS	BS25-23 0'	Total/NA	Solid	300_Prep	
885-20271-21 MSD	BS25-23 0'	Total/NA	Solid	300_Prep	

Analysis Batch: 21379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-2	BS25-04 0'	Total/NA	Solid	300.0	21310
885-20271-15	BS25-17 0'	Total/NA	Solid	300.0	21310
885-20271-17	BS25-19 0'	Total/NA	Solid	300.0	21310
885-20271-21	BS25-23 0'	Total/NA	Solid	300.0	21341
885-20271-22	BS25-24 0'	Total/NA	Solid	300.0	21341
885-20271-26	BS25-28 0'	Total/NA	Solid	300.0	21341
885-20271-32	BS25-34 0'	Total/NA	Solid	300.0	21341
885-20271-33	BS25-35 0'	Total/NA	Solid	300.0	21341
885-20271-34	BS25-36 0'	Total/NA	Solid	300.0	21341
885-20271-36	BS25-38 0'	Total/NA	Solid	300.0	21341
885-20271-38	BS25-40 0'	Total/NA	Solid	300.0	21341
885-20271-43	BS25-45 0'	Total/NA	Solid	300.0	21404
885-20271-44	BS25-46 0'	Total/NA	Solid	300.0	21404
885-20271-49	BS25-51 0'	Total/NA	Solid	300.0	21404
MB 885-21341/1-A	Method Blank	Total/NA	Solid	300.0	21341
MB 885-21404/1-A	Method Blank	Total/NA	Solid	300.0	21404

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

HPLC/IC (Continued)

Analysis Batch: 21379 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-21341/2-A	Lab Control Sample	Total/NA	Solid	300.0	21341
LCS 885-21404/2-A	Lab Control Sample	Total/NA	Solid	300.0	21404
MRL 885-21404/3-A	Lab Control Sample	Total/NA	Solid	300.0	21404
885-20271-21 MS	BS25-23 0'	Total/NA	Solid	300.0	21341
885-20271-21 MSD	BS25-23 0'	Total/NA	Solid	300.0	21341

Prep Batch: 21404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-41	BS25-43 0'	Total/NA	Solid	300_Prep	
885-20271-42	BS25-44 0'	Total/NA	Solid	300_Prep	
885-20271-43	BS25-45 0'	Total/NA	Solid	300_Prep	
885-20271-44	BS25-46 0'	Total/NA	Solid	300_Prep	
885-20271-45	BS25-47 0'	Total/NA	Solid	300_Prep	
885-20271-46	BS25-48 0'	Total/NA	Solid	300_Prep	
885-20271-47	BS25-49 0'	Total/NA	Solid	300_Prep	
885-20271-48	BS25-50 0'	Total/NA	Solid	300_Prep	
885-20271-49	BS25-51 0'	Total/NA	Solid	300_Prep	
MB 885-21404/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-21404/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
MRL 885-21404/3-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 21491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-20271-23	BS25-25 0'	Total/NA	Solid	300.0	21341
885-20271-24	BS25-26 0'	Total/NA	Solid	300.0	21341
885-20271-25	BS25-27 0'	Total/NA	Solid	300.0	21341
885-20271-27	BS25-29 0'	Total/NA	Solid	300.0	21341
885-20271-28	BS25-30 0'	Total/NA	Solid	300.0	21341
885-20271-29	BS25-31 0'	Total/NA	Solid	300.0	21341
885-20271-30	BS25-32 0'	Total/NA	Solid	300.0	21341
885-20271-31	BS25-33 0'	Total/NA	Solid	300.0	21341
885-20271-35	BS25-37 0'	Total/NA	Solid	300.0	21341
885-20271-37	BS25-39 0'	Total/NA	Solid	300.0	21341
885-20271-39	BS25-41 0'	Total/NA	Solid	300.0	21341
885-20271-40	BS25-42 0'	Total/NA	Solid	300.0	21341
885-20271-41	BS25-43 0'	Total/NA	Solid	300.0	21404
885-20271-42	BS25-44 0'	Total/NA	Solid	300.0	21404
885-20271-45	BS25-47 0'	Total/NA	Solid	300.0	21404
885-20271-46	BS25-48 0'	Total/NA	Solid	300.0	21404
885-20271-47	BS25-49 0'	Total/NA	Solid	300.0	21404
885-20271-48	BS25-50 0'	Total/NA	Solid	300.0	21404

Eurofins Albuquerque

Lab Chronicle

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-03 0'
Date Collected: 02/17/25 10:00
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	02/28/25 17:31
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	02/28/25 17:31
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 18:42
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 18:01

Client Sample ID: BS25-04 0'
Date Collected: 02/17/25 10:05
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	02/28/25 18:36
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	02/28/25 18:36
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 19:14
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		50	21379	DL	EET ALB	02/25/25 22:04

Client Sample ID: BS25-05 0'
Date Collected: 02/17/25 10:10
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	02/28/25 19:41
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	02/28/25 19:41
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 19:24
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 19:36

Client Sample ID: BS25-06 0'
Date Collected: 02/17/25 10:15
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	02/28/25 20:02

Lab Chronicle

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-06 0'
Date Collected: 02/17/25 10:15
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	02/28/25 20:02
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 19:35
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 19:48

Client Sample ID: BS25-07 0'
Date Collected: 02/17/25 10:20
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	02/28/25 20:24
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	02/28/25 20:24
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 19:46
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 20:00

Client Sample ID: BS25-08 0'
Date Collected: 02/17/25 10:25
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	02/28/25 20:45
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	02/28/25 20:45
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 19:56
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 20:12

Client Sample ID: BS25-09 0'
Date Collected: 02/17/25 10:30
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	02/28/25 21:07
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	02/28/25 21:07

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

Client Sample ID: BS25-09 0'

Lab Sample ID: 885-20271-7

Date Collected: 02/17/25 10:30

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 20:07
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 20:23

Client Sample ID: BS25-10 0'

Lab Sample ID: 885-20271-8

Date Collected: 02/17/25 10:35

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	02/28/25 21:29
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	02/28/25 21:29
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 20:17
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 20:59

Client Sample ID: BS25-11 0'

Lab Sample ID: 885-20271-9

Date Collected: 02/17/25 10:40

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	02/28/25 21:51
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	02/28/25 21:51
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 20:28
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 21:11

Client Sample ID: BS25-12 0'

Lab Sample ID: 885-20271-10

Date Collected: 02/17/25 10:45

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	02/28/25 22:12
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	02/28/25 22:12
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 20:49

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Lab Chronicle

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

Client Sample ID: BS25-12 0'

Lab Sample ID: 885-20271-10

Date Collected: 02/17/25 10:45

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 21:23

Client Sample ID: BS25-13 0'

Lab Sample ID: 885-20271-11

Date Collected: 02/17/25 10:50

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	02/28/25 22:56
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	02/28/25 22:56
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 20:59
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 21:35

Client Sample ID: BS25-14 0'

Lab Sample ID: 885-20271-12

Date Collected: 02/17/25 10:55

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	02/28/25 23:17
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	02/28/25 23:17
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 21:10
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 21:47

Client Sample ID: BS25-15 0'

Lab Sample ID: 885-20271-13

Date Collected: 02/17/25 11:00

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	02/28/25 23:39
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	02/28/25 23:39
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 21:20
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 21:58

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Lab Chronicle

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-16 0'
Date Collected: 02/17/25 11:05
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	03/01/25 00:01
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	03/01/25 00:01
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 21:31
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 22:10

Client Sample ID: BS25-17 0'
Date Collected: 02/17/25 11:10
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	03/01/25 00:23
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	03/01/25 00:23
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 21:41
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		50	21379	DL	EET ALB	02/25/25 22:14

Client Sample ID: BS25-18 0'
Date Collected: 02/17/25 11:15
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	03/01/25 00:44
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	03/01/25 00:44
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 21:52
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 22:34

Client Sample ID: BS25-19 0'
Date Collected: 02/17/25 11:20
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	03/01/25 01:06

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Lab Chronicle

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-19 0'
Date Collected: 02/17/25 11:20
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	03/01/25 01:06
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 22:02
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		50	21379	DL	EET ALB	02/25/25 22:24

Client Sample ID: BS25-20 0'
Date Collected: 02/17/25 11:25
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	03/01/25 01:28
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	03/01/25 01:28
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 22:13
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 23:22

Client Sample ID: BS25-21 0'
Date Collected: 02/17/25 11:30
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	03/01/25 02:11
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	03/01/25 02:11
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 22:23
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 23:33

Client Sample ID: BS25-22 0'
Date Collected: 02/17/25 11:35
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8015M/D		1	21695	AT	EET ALB	03/01/25 02:54
Total/NA	Prep	5030C			21260	AT	EET ALB	02/22/25 11:18
Total/NA	Analysis	8021B		1	21696	AT	EET ALB	03/01/25 02:54

Lab Chronicle

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-22 0'
Date Collected: 02/17/25 11:35
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			21338	MI	EET ALB	02/24/25 15:28
Total/NA	Analysis	8015M/D		1	21472	EM	EET ALB	02/26/25 22:34
Total/NA	Prep	300_Prep			21310	DL	EET ALB	02/24/25 12:08
Total/NA	Analysis	300.0		20	21296	ES	EET ALB	02/24/25 23:45

Client Sample ID: BS25-23 0'
Date Collected: 02/17/25 11:40
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 05:04
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 05:04
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21425	EM	EET ALB	02/26/25 07:42
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		20	21379	DL	EET ALB	02/25/25 10:50

Client Sample ID: BS25-24 0'
Date Collected: 02/17/25 11:45
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 06:09
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 06:09
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21425	EM	EET ALB	02/26/25 08:05
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		20	21379	DL	EET ALB	02/25/25 11:20

Client Sample ID: BS25-25 0'
Date Collected: 02/17/25 11:50
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 07:13
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 07:13
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		10	21650	MI	EET ALB	02/28/25 16:14

Lab Chronicle

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-25 0'

Lab Sample ID: 885-20271-23

Date Collected: 02/17/25 11:50

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		50	21491	RC	EET ALB	02/26/25 15:07

Client Sample ID: BS25-26 0'

Lab Sample ID: 885-20271-24

Date Collected: 02/17/25 11:55

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 07:35
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 07:35
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21650	MI	EET ALB	02/28/25 16:37
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		50	21491	RC	EET ALB	02/26/25 15:16

Client Sample ID: BS25-27 0'

Lab Sample ID: 885-20271-25

Date Collected: 02/17/25 12:00

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 07:56
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 07:56
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21650	MI	EET ALB	02/28/25 17:01
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		50	21491	RC	EET ALB	02/26/25 15:26

Client Sample ID: BS25-28 0'

Lab Sample ID: 885-20271-26

Date Collected: 02/17/25 12:05

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 08:18
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 08:18
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21650	MI	EET ALB	02/28/25 17:24
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		20	21379	DL	EET ALB	02/25/25 12:43

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

Client Sample ID: BS25-29 0'

Lab Sample ID: 885-20271-27

Date Collected: 02/18/25 08:00

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 08:39
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 08:39
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21425	EM	EET ALB	02/26/25 10:02
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		100	21491	RC	EET ALB	02/26/25 15:36

Client Sample ID: BS25-30 0'

Lab Sample ID: 885-20271-28

Date Collected: 02/18/25 08:05

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 09:01
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 09:01
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21425	EM	EET ALB	02/26/25 10:25
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		50	21491	RC	EET ALB	02/26/25 15:46

Client Sample ID: BS25-31 0'

Lab Sample ID: 885-20271-29

Date Collected: 02/18/25 08:10

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 09:23
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 09:23
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21425	EM	EET ALB	02/26/25 11:12
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		50	21491	RC	EET ALB	02/26/25 15:56

Client Sample ID: BS25-32 0'

Lab Sample ID: 885-20271-30

Date Collected: 02/18/25 08:15

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 09:44

Lab Chronicle

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

Client Sample ID: BS25-32 0'

Lab Sample ID: 885-20271-30

Date Collected: 02/18/25 08:15

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 09:44
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21425	EM	EET ALB	02/26/25 11:35
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		50	21491	RC	EET ALB	02/26/25 16:06

Client Sample ID: BS25-33 0'

Lab Sample ID: 885-20271-31

Date Collected: 02/18/25 08:20

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 10:28
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 10:28
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21425	EM	EET ALB	02/26/25 11:59
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		50	21491	RC	EET ALB	02/26/25 16:16

Client Sample ID: BS25-34 0'

Lab Sample ID: 885-20271-32

Date Collected: 02/18/25 08:25

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 10:49
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 10:49
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21425	EM	EET ALB	02/26/25 12:22
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		20	21379	DL	EET ALB	02/25/25 13:42

Client Sample ID: BS25-35 0'

Lab Sample ID: 885-20271-33

Date Collected: 02/18/25 08:30

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 11:11
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 11:11

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Lab Chronicle

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-35 0'
Date Collected: 02/18/25 08:30
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21425	EM	EET ALB	02/26/25 12:46
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		20	21379	DL	EET ALB	02/25/25 13:52

Client Sample ID: BS25-36 0'
Date Collected: 02/18/25 08:35
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 11:33
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 11:33
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21425	EM	EET ALB	02/26/25 13:09
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		20	21379	DL	EET ALB	02/25/25 14:02

Client Sample ID: BS25-37 0'
Date Collected: 02/18/25 08:40
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 11:55
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 11:55
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21425	EM	EET ALB	02/26/25 13:33
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		100	21491	RC	EET ALB	02/26/25 16:25

Client Sample ID: BS25-38 0'
Date Collected: 02/18/25 08:45
Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 12:17
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 12:17
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21425	EM	EET ALB	02/26/25 13:56

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Lab Chronicle

Client: Vertex

Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-38 0'

Lab Sample ID: 885-20271-36

Date Collected: 02/18/25 08:45

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		20	21379	DL	EET ALB	02/25/25 14:41

Client Sample ID: BS25-39 0'

Lab Sample ID: 885-20271-37

Date Collected: 02/18/25 08:50

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 12:38
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 12:38
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21425	EM	EET ALB	02/26/25 14:20
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		50	21491	RC	EET ALB	02/26/25 16:35

Client Sample ID: BS25-40 0'

Lab Sample ID: 885-20271-38

Date Collected: 02/18/25 08:55

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 13:00
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 13:00
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21425	EM	EET ALB	02/26/25 14:43
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		20	21379	DL	EET ALB	02/25/25 15:01

Client Sample ID: BS25-41 0'

Lab Sample ID: 885-20271-39

Date Collected: 02/18/25 09:00

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 13:22
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 13:22
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21425	EM	EET ALB	02/26/25 15:30
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		50	21491	RC	EET ALB	02/26/25 17:05

Lab Chronicle

Client: Vertex

Job ID: 885-20271-1

Project/Site: Strawberry 7 Federal 9H

Client Sample ID: BS25-42 0'

Lab Sample ID: 885-20271-40

Date Collected: 02/18/25 09:05

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8015M/D		1	21708	AT	EET ALB	03/01/25 13:44
Total/NA	Prep	5030C			21261	AT	EET ALB	02/22/25 12:04
Total/NA	Analysis	8021B		1	21709	AT	EET ALB	03/01/25 13:44
Total/NA	Prep	SHAKE			21340	MI	EET ALB	02/24/25 15:32
Total/NA	Analysis	8015M/D		1	21425	EM	EET ALB	02/26/25 15:54
Total/NA	Prep	300_Prep			21341	KB	EET ALB	02/24/25 15:32
Total/NA	Analysis	300.0		50	21491	RC	EET ALB	02/26/25 17:15

Client Sample ID: BS25-43 0'

Lab Sample ID: 885-20271-41

Date Collected: 02/18/25 09:10

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8015M/D		1	21623	AT	EET ALB	02/28/25 02:32
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8021B		1	21624	AT	EET ALB	02/28/25 02:32
Total/NA	Prep	SHAKE			21342	MB	EET ALB	02/24/25 15:34
Total/NA	Analysis	8015M/D		1	21272	MI	EET ALB	02/25/25 01:56
Total/NA	Prep	300_Prep			21404	DL	EET ALB	02/25/25 11:26
Total/NA	Analysis	300.0		50	21491	RC	EET ALB	02/26/25 17:25

Client Sample ID: BS25-44 0'

Lab Sample ID: 885-20271-42

Date Collected: 02/18/25 09:15

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8015M/D		1	21623	AT	EET ALB	02/28/25 03:37
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8021B		1	21624	AT	EET ALB	02/28/25 03:37
Total/NA	Prep	SHAKE			21342	MB	EET ALB	02/24/25 15:34
Total/NA	Analysis	8015M/D		1	21272	MI	EET ALB	02/25/25 02:07
Total/NA	Prep	300_Prep			21404	DL	EET ALB	02/25/25 11:26
Total/NA	Analysis	300.0		100	21491	RC	EET ALB	02/26/25 17:34

Client Sample ID: BS25-45 0'

Lab Sample ID: 885-20271-43

Date Collected: 02/18/25 09:20

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8015M/D		1	21623	AT	EET ALB	02/28/25 05:04

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Lab Chronicle

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-45 0'

Lab Sample ID: 885-20271-43

Date Collected: 02/18/25 09:20

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8021B		1	21624	AT	EET ALB	02/28/25 05:04
Total/NA	Prep	SHAKE			21342	MB	EET ALB	02/24/25 15:34
Total/NA	Analysis	8015M/D		1	21272	MI	EET ALB	02/25/25 02:17
Total/NA	Prep	300_Prep			21404	DL	EET ALB	02/25/25 11:26
Total/NA	Analysis	300.0		20	21379	DL	EET ALB	02/25/25 20:35

Client Sample ID: BS25-46 0'

Lab Sample ID: 885-20271-44

Date Collected: 02/18/25 09:25

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8015M/D		1	21623	AT	EET ALB	02/28/25 05:25
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8021B		1	21624	AT	EET ALB	02/28/25 05:25
Total/NA	Prep	SHAKE			21342	MB	EET ALB	02/24/25 15:34
Total/NA	Analysis	8015M/D		1	21272	MI	EET ALB	02/25/25 02:28
Total/NA	Prep	300_Prep			21404	DL	EET ALB	02/25/25 11:26
Total/NA	Analysis	300.0		20	21379	DL	EET ALB	02/25/25 20:45

Client Sample ID: BS25-47 0'

Lab Sample ID: 885-20271-45

Date Collected: 02/18/25 09:30

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8015M/D		1	21623	AT	EET ALB	02/28/25 05:47
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8021B		1	21624	AT	EET ALB	02/28/25 05:47
Total/NA	Prep	SHAKE			21342	MB	EET ALB	02/24/25 15:34
Total/NA	Analysis	8015M/D		1	21272	MI	EET ALB	02/25/25 02:38
Total/NA	Prep	300_Prep			21404	DL	EET ALB	02/25/25 11:26
Total/NA	Analysis	300.0		50	21491	RC	EET ALB	02/26/25 17:44

Client Sample ID: BS25-48 0'

Lab Sample ID: 885-20271-46

Date Collected: 02/18/25 09:35

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8015M/D		1	21623	AT	EET ALB	02/28/25 06:08
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8021B		1	21624	AT	EET ALB	02/28/25 06:08

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Lab Chronicle

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-48 0'

Lab Sample ID: 885-20271-46

Date Collected: 02/18/25 09:35

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			21342	MB	EET ALB	02/24/25 15:34
Total/NA	Analysis	8015M/D		1	21272	MI	EET ALB	02/25/25 02:48
Total/NA	Prep	300_Prep			21404	DL	EET ALB	02/25/25 11:26
Total/NA	Analysis	300.0		50	21491	RC	EET ALB	02/26/25 17:54

Client Sample ID: BS25-49 0'

Lab Sample ID: 885-20271-47

Date Collected: 02/18/25 09:40

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8015M/D		1	21623	AT	EET ALB	02/28/25 06:30
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8021B		1	21624	AT	EET ALB	02/28/25 06:30
Total/NA	Prep	SHAKE			21342	MB	EET ALB	02/24/25 15:34
Total/NA	Analysis	8015M/D		1	21272	MI	EET ALB	02/25/25 02:59
Total/NA	Prep	300_Prep			21404	DL	EET ALB	02/25/25 11:26
Total/NA	Analysis	300.0		50	21491	RC	EET ALB	02/26/25 18:04

Client Sample ID: BS25-50 0'

Lab Sample ID: 885-20271-48

Date Collected: 02/18/25 09:45

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8015M/D		1	21623	AT	EET ALB	02/28/25 06:52
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8021B		1	21624	AT	EET ALB	02/28/25 06:52
Total/NA	Prep	SHAKE			21342	MB	EET ALB	02/24/25 15:34
Total/NA	Analysis	8015M/D		1	21272	MI	EET ALB	02/25/25 03:09
Total/NA	Prep	300_Prep			21404	DL	EET ALB	02/25/25 11:26
Total/NA	Analysis	300.0		50	21491	RC	EET ALB	02/26/25 18:14

Client Sample ID: BS25-51 0'

Lab Sample ID: 885-20271-49

Date Collected: 02/18/25 09:55

Matrix: Solid

Date Received: 02/21/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8015M/D		1	21623	AT	EET ALB	02/28/25 07:13
Total/NA	Prep	5030C			21262	AT	EET ALB	02/22/25 13:45
Total/NA	Analysis	8021B		1	21624	AT	EET ALB	02/28/25 07:13
Total/NA	Prep	SHAKE			21342	MB	EET ALB	02/24/25 15:34
Total/NA	Analysis	8015M/D		1	21272	MI	EET ALB	02/25/25 03:30

Eurofins Albuquerque

Lab Chronicle

Client: Vertex

Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Client Sample ID: BS25-51 0'

Date Collected: 02/18/25 09:55

Date Received: 02/21/25 08:05

Lab Sample ID: 885-20271-49

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			21404	DL	EET ALB	02/25/25 11:27
Total/NA	Analysis	300.0		20	21379	DL	EET ALB	02/25/25 21:34

Laboratory References:

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

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Accreditation/Certification Summary

Client: Vertex
Project/Site: Strawberry 7 Federal 9H

Job ID: 885-20271-1

Laboratory: Eurofins Albuquerque

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0682	10-21-25
Texas	NELAP	T104704424-23-16	06-01-25

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Turn-Around Time:

☐ Standard ☒ Rush 5 Days

Project Name:

Strawberry 7 Federal 9H

Project #:

24E-03262

Project Manager:

Sally Carttar

Sampler: J. Rewis

On Ice: ☒ Yes ☐ No

of Coolers: 2 moir

Cooler Temp (including CF): $2.7 + 0.2 = 2.9$

Container	Preservative	4.6+0.2=4.8 HEAL No.
-----------	--------------	-------------------------

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
					2/20/25	1030
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
2/20/25	1910				2/21/25	805

HALL ENVIRONMENTAL ANALYSIS LABORATORY

4901 Hawkins NE - Albuquerque, NM 87109

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

[illegible]

Remarks: ATTN: Jim Raley Direct Bill to Devon Enevery Production Company Work Order# 21198813 CC: ccstarttar@vertexresource.com for Final Report. permian@vertexresource.com

Age Group	Number of People
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-20271-1

Login Number: 20271

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.	True	
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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/18/2025 4:03:54 PM

JOB DESCRIPTION

Strawberry 7 Federal Com #009H

JOB NUMBER

885-21475-1

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



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3/18/2025 4:03:54 PM

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

Client: Vertex
Project/Site: Strawberry 7 Federal Com #009H

Laboratory Job ID: 885-21475-1

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Definitions/Glossary

Client: Vertex

Job ID: 885-21475-1

Project/Site: Strawberry 7 Federal Com #009H

Glossary

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

Case Narrative

Client: Vertex
Project: Strawberry 7 Federal Com #009H

Job ID: 885-21475-1

Job ID: 885-21475-1**Eurofins Albuquerque****Job Narrative
885-21475-1**

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 3/14/2025 7:28 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 2.6°C.

Gasoline Range Organics

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

Job ID: 885-21475-1

Project/Site: Strawberry 7 Federal Com #009H

Client Sample ID: BS25-25 0'

Lab Sample ID: 885-21475-1

Date Collected: 03/13/25 08:15

Matrix: Solid

Date Received: 03/14/25 07:28

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.6	mg/Kg		03/14/25 10:07	03/14/25 12:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			03/14/25 10:07	03/14/25 12:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		03/14/25 10:07	03/14/25 12:35	1
Ethylbenzene	ND		0.036	mg/Kg		03/14/25 10:07	03/14/25 12:35	1
Toluene	ND		0.036	mg/Kg		03/14/25 10:07	03/14/25 12:35	1
Xylenes, Total	ND		0.072	mg/Kg		03/14/25 10:07	03/14/25 12:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		48 - 145			03/14/25 10:07	03/14/25 12:35	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]	61		10	mg/Kg		03/14/25 09:34	03/14/25 11:37	1
Motor Oil Range Organics [C28-C40]	100		50	mg/Kg		03/14/25 09:34	03/14/25 11:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	109		62 - 134			03/14/25 09:34	03/14/25 11:37	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100		60	mg/Kg		03/17/25 08:51	03/17/25 11:07	20

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-21475-1

Project/Site: Strawberry 7 Federal Com #009H

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

Lab Sample ID: MB 885-22500/1-A

Matrix: Solid

Analysis Batch: 22496

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22500

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		03/14/25 10:07	03/14/25 12:13	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			03/14/25 10:07	03/14/25 12:13	1

Lab Sample ID: LCS 885-22500/2-A

Matrix: Solid

Analysis Batch: 22496

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22500

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	23.3		mg/Kg		93	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	187		35 - 166				

Lab Sample ID: 885-21475-1 MS

Matrix: Solid

Analysis Batch: 22496

Client Sample ID: BS25-25 0'

Prep Type: Total/NA

Prep Batch: 22500

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		18.0	18.1		mg/Kg		89	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	179		35 - 166						

Lab Sample ID: 885-21475-1 MSD

Matrix: Solid

Analysis Batch: 22496

Client Sample ID: BS25-25 0'

Prep Type: Total/NA

Prep Batch: 22500

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		18.0	17.1		mg/Kg		84	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	180		35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-22500/1-A

Matrix: Solid

Analysis Batch: 22497

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22500

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		03/14/25 10:07	03/14/25 12:13	1
Ethylbenzene	ND		0.050	mg/Kg		03/14/25 10:07	03/14/25 12:13	1
Toluene	ND		0.050	mg/Kg		03/14/25 10:07	03/14/25 12:13	1

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-21475-1

Project/Site: Strawberry 7 Federal Com #009H

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

Lab Sample ID: MB 885-22500/1-A

Matrix: Solid

Analysis Batch: 22497

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22500

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		03/14/25 10:07	03/14/25 12:13	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		48 - 145			03/14/25 10:07	03/14/25 12:13	1

Lab Sample ID: LCS 885-22500/3-A

Matrix: Solid

Analysis Batch: 22497

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22500

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.829		mg/Kg		83	70 - 130
Ethylbenzene	1.00	0.845		mg/Kg		84	70 - 130
m,p-Xylene	2.00	1.69		mg/Kg		85	70 - 130
o-Xylene	1.00	0.836		mg/Kg		84	70 - 130
Toluene	1.00	0.846		mg/Kg		85	70 - 130
Xylenes, Total	3.00	2.53		mg/Kg		84	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	93		48 - 145				

Lab Sample ID: 885-21475-1 MS

Matrix: Solid

Analysis Batch: 22497

Client Sample ID: BS25-25 0'

Prep Type: Total/NA

Prep Batch: 22500

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.720	0.615		mg/Kg		85	70 - 130
Ethylbenzene	ND		0.720	0.629		mg/Kg		87	70 - 130
m,p-Xylene	ND		1.44	1.25		mg/Kg		87	70 - 130
o-Xylene	ND		0.720	0.625		mg/Kg		87	70 - 130
Toluene	ND		0.720	0.621		mg/Kg		86	70 - 130
Xylenes, Total	ND		2.16	1.87		mg/Kg		87	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	87		48 - 145						

Lab Sample ID: 885-21475-1 MSD

Matrix: Solid

Analysis Batch: 22497

Client Sample ID: BS25-25 0'

Prep Type: Total/NA

Prep Batch: 22500

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	ND		0.720	0.599		mg/Kg		83	70 - 130	3	20
Ethylbenzene	ND		0.720	0.622		mg/Kg		86	70 - 130	1	20
m,p-Xylene	ND		1.44	1.23		mg/Kg		86	70 - 130	1	20
o-Xylene	ND		0.720	0.616		mg/Kg		86	70 - 130	1	20
Toluene	ND		0.720	0.613		mg/Kg		85	70 - 130	1	20
Xylenes, Total	ND		2.16	1.85		mg/Kg		86	70 - 130	1	20

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-21475-1

Project/Site: Strawberry 7 Federal Com #009H

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

Lab Sample ID: 885-21475-1 MSD

Matrix: Solid

Analysis Batch: 22497

Client Sample ID: BS25-25 0'

Prep Type: Total/NA

Prep Batch: 22500

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		48 - 145

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

Lab Sample ID: MB 885-22490/1-A

Matrix: Solid

Analysis Batch: 22482

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22490

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		03/14/25 09:34	03/14/25 11:16	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		03/14/25 09:34	03/14/25 11:16	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	109		62 - 134			03/14/25 09:34	03/14/25 11:16	1

Lab Sample ID: LCS 885-22490/2-A

Matrix: Solid

Analysis Batch: 22482

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	50.9		mg/Kg		102	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	81		62 - 134				

Lab Sample ID: 885-21475-1 MS

Matrix: Solid

Analysis Batch: 22482

Client Sample ID: BS25-25 0'

Prep Type: Total/NA

Prep Batch: 22490

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	61		47.4	100		mg/Kg		83	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	88		62 - 134						

Lab Sample ID: 885-21475-1 MSD

Matrix: Solid

Analysis Batch: 22482

Client Sample ID: BS25-25 0'

Prep Type: Total/NA

Prep Batch: 22490

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Diesel Range Organics [C10-C28]	61		49.1	106		mg/Kg		92	44 - 136	6	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	85		62 - 134								

Eurofins Albuquerque

QC Sample Results

Client: Vertex

Job ID: 885-21475-1

Project/Site: Strawberry 7 Federal Com #009H

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-22568/1-A

Matrix: Solid

Analysis Batch: 22576

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22568

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		03/17/25 08:51	03/17/25 10:36	1

Lab Sample ID: LCS 885-22568/3-A

Matrix: Solid

Analysis Batch: 22576

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.0	14.6		mg/Kg		97	90 - 110

Lab Sample ID: LLCS 885-22568/2-A

Matrix: Solid

Analysis Batch: 22576

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22568

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.50	1.55		mg/Kg		104	50 - 150

Lab Sample ID: MRL 885-22576/42

Matrix: Solid

Analysis Batch: 22576

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.521		mg/L		104	50 - 150

Eurofins Albuquerque

QC Association Summary

Client: Vertex

Job ID: 885-21475-1

Project/Site: Strawberry 7 Federal Com #009H

GC VOA

Analysis Batch: 22496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21475-1	BS25-25 0'	Total/NA	Solid	8015M/D	22500
MB 885-22500/1-A	Method Blank	Total/NA	Solid	8015M/D	22500
LCS 885-22500/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	22500
885-21475-1 MS	BS25-25 0'	Total/NA	Solid	8015M/D	22500
885-21475-1 MSD	BS25-25 0'	Total/NA	Solid	8015M/D	22500

Analysis Batch: 22497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21475-1	BS25-25 0'	Total/NA	Solid	8021B	22500
MB 885-22500/1-A	Method Blank	Total/NA	Solid	8021B	22500
LCS 885-22500/3-A	Lab Control Sample	Total/NA	Solid	8021B	22500
885-21475-1 MS	BS25-25 0'	Total/NA	Solid	8021B	22500
885-21475-1 MSD	BS25-25 0'	Total/NA	Solid	8021B	22500

Prep Batch: 22500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21475-1	BS25-25 0'	Total/NA	Solid	5035	
MB 885-22500/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-22500/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-22500/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-21475-1 MS	BS25-25 0'	Total/NA	Solid	5035	
885-21475-1 MS	BS25-25 0'	Total/NA	Solid	5035	
885-21475-1 MSD	BS25-25 0'	Total/NA	Solid	5035	
885-21475-1 MSD	BS25-25 0'	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 22482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21475-1	BS25-25 0'	Total/NA	Solid	8015M/D	22490
MB 885-22490/1-A	Method Blank	Total/NA	Solid	8015M/D	22490
LCS 885-22490/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	22490
885-21475-1 MS	BS25-25 0'	Total/NA	Solid	8015M/D	22490
885-21475-1 MSD	BS25-25 0'	Total/NA	Solid	8015M/D	22490

Prep Batch: 22490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21475-1	BS25-25 0'	Total/NA	Solid	SHAKE	
MB 885-22490/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-22490/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-21475-1 MS	BS25-25 0'	Total/NA	Solid	SHAKE	
885-21475-1 MSD	BS25-25 0'	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 22568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21475-1	BS25-25 0'	Total/NA	Solid	300_Prep	
MB 885-22568/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-22568/3-A	Lab Control Sample	Total/NA	Solid	300_Prep	
LLCS 885-22568/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

QC Association Summary

Client: Vertex
Project/Site: Strawberry 7 Federal Com #009H

Job ID: 885-21475-1

HPLC/IC

Analysis Batch: 22576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-21475-1	BS25-25 0'	Total/NA	Solid	300.0	22568
MB 885-22568/1-A	Method Blank	Total/NA	Solid	300.0	22568
LCS 885-22568/3-A	Lab Control Sample	Total/NA	Solid	300.0	22568
LLCS 885-22568/2-A	Lab Control Sample	Total/NA	Solid	300.0	22568
MRL 885-22576/42	Lab Control Sample	Total/NA	Solid	300.0	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Lab Chronicle

Client: Vertex
Project/Site: Strawberry 7 Federal Com #009H

Job ID: 885-21475-1

Client Sample ID: BS25-25 0'
Date Collected: 03/13/25 08:15
Date Received: 03/14/25 07:28

Lab Sample ID: 885-21475-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			22500	AT	EET ALB	03/14/25 10:07
Total/NA	Analysis	8015M/D		1	22496	AT	EET ALB	03/14/25 12:35
Total/NA	Prep	5035			22500	AT	EET ALB	03/14/25 10:07
Total/NA	Analysis	8021B		1	22497	AT	EET ALB	03/14/25 12:35
Total/NA	Prep	SHAKE			22490	MI	EET ALB	03/14/25 09:34
Total/NA	Analysis	8015M/D		1	22482	EM	EET ALB	03/14/25 11:37
Total/NA	Prep	300_Prep			22568	DL	EET ALB	03/17/25 08:51
Total/NA	Analysis	300.0		20	22576	RC	EET ALB	03/17/25 11:07

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

Accreditation/Certification Summary

Client: Vertex
Project/Site: Strawberry 7 Federal Com #009H

Job ID: 885-21475-1

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	5035	Solid	Gasoline Range Organics [C6 - C10]
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-26-26

Login Sample Receipt Checklist

Client: Vertex

Job Number: 885-21475-1

Login Number: 21475

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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QUESTIONS

Action 444991

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 444991
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2008052559
Incident Name	NRM2008052559 STRAWBERRY 7 FED COM 9H @ 30-015-41574
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-41574] STRAWBERRY 7 FEDERAL COM #009H

Location of Release Source

Please answer all the questions in this group.

Site Name	STRAWBERRY 7 FED COM 9H
Date Release Discovered	03/16/2020
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

Incident Type	Release Other
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	Cause: Corrosion Pump Crude Oil Released: 1 BBL Recovered: 1 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Pump Produced Water Released: 22 BBL Recovered: 9 BBL Lost: 13 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 444991

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 444991
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>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.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

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@dvni.com Date: 03/24/2025
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QUESTIONS, Page 3

Action 444991

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 444991
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 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 ½ and 1 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 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)	9100
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	4500
GRO+DRO (EPA SW-846 Method 8015M)	4500
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	05/27/2024
On what date will (or did) the final sampling or liner inspection occur	06/06/2024
On what date will (or was) the remediation complete(d)	06/18/2024
What is the estimated surface area (in square feet) that will be reclaimed	18781
What is the estimated volume (in cubic yards) that will be reclaimed	1391
What is the estimated surface area (in square feet) that will be remediated	18781
What is the estimated volume (in cubic yards) that will be remediated	1391

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 444991

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 444991
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	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
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 03/24/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 444991

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 444991
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 444991

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 444991
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	440636
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/13/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	400

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	380
What was the total volume (cubic yards) remediated	14
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Remediation complete.
<i>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>	
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: 03/24/2025

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QUESTIONS, Page 7

Action 444991

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 444991
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 444991

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 444991
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NRM2008052559 STRAWBERRY 7 FED COM 9H, thank you. This Remediation Closure Report is approved.	3/25/2025